

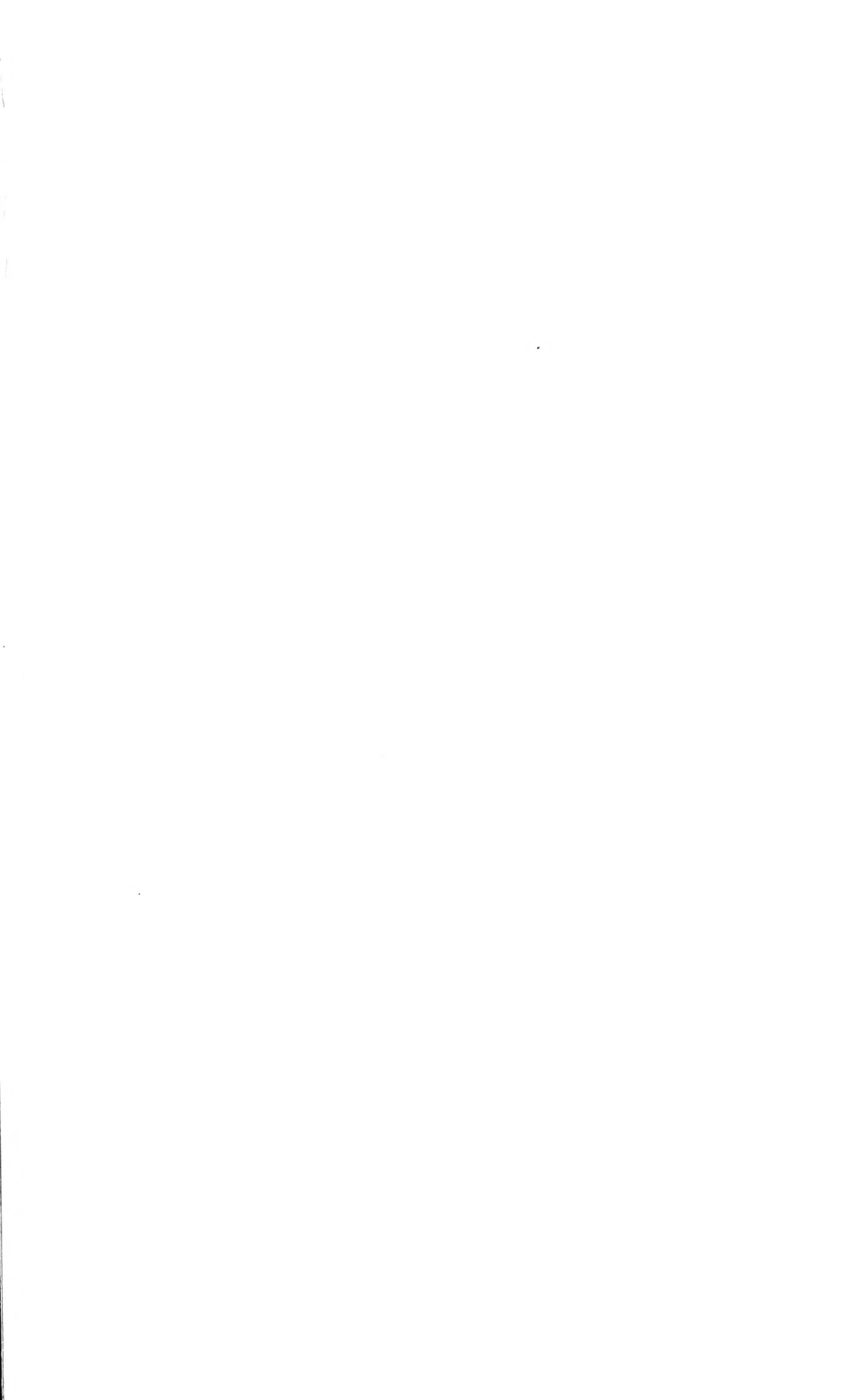


No. \_\_\_\_\_



GIVEN BY

Frank C. Blaisdell















FIFTY-EIGHTH REPORT  
OF  
BIRTHS, MARRIAGES, AND DEATHS  
IN  
MASSACHUSETTS.  
RETURNS OF LIBELS FOR DIVORCE,  
AND RETURNS OF DEATHS INVESTIGATED BY THE  
MEDICAL EXAMINERS,  
FOR THE YEAR 1899.

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PREPARED BY THE  
SECRETARY OF THE COMMONWEALTH.

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EDITED BY  
FRANCIS A. HARRIS, M.D.

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## Commonwealth of Massachusetts.

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OFFICE OF THE SECRETARY, BOSTON, Oct. 20, 1900.

*To the Honorable Senate and the House of Representatives.*

I have the honor to submit herewith, as required by law, the Fifty-eighth Annual Registration Report, relating to the births, marriages and deaths occurring in Massachusetts and registered in the several cities and towns during the year ending Dec. 31, 1899; and containing, also, the reports relating to libels for divorce in the several counties, and the returns of deaths the causes and manner of which have been investigated by the medical examiners during the year 1899.

In tabulating returns of births and deaths still-births are not included. The only record of still-births appears in Table III.

The rule adopted in the report of 1891 of restricting the exhibition of tabular results to such as are plainly of practical utility within the meaning of the statute by authority of which the tables are prepared, is continued, and the report is again edited by FRANCIS A. HARRIS, M.D.

Very respectfully, your obedient servant,

WM. M. OLIN,  
*Secretary of the Commonwealth.*

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(T A B L E S)

Fifty-eighth

ANNUAL REPORT

OF

BIRTHS, MARRIAGES, AND DEATHS,

REGISTERED IN

MASSACHUSETTS,

FOR THE YEAR ENDING DECEMBER 31, 1899.

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TABLE I. — POPULATION [1895], — BIRTHS,

*General Abstract, exhibiting, in Connection with the Population Deaths registered in Each County and Town in Massachusetts Children Born, the Nativity of Persons Married, and the Sex, ber who Died.*

| THE STATE AND COUNTRIES. | Population, State Census, 1895. | BIRTHS.   |        |        |      |              |        |                            |                            |      |
|--------------------------|---------------------------------|-----------|--------|--------|------|--------------|--------|----------------------------|----------------------------|------|
|                          |                                 | Whole No. | SEX.   |        |      | PARENTAGE.   |        |                            |                            |      |
|                          |                                 |           | M.     | F.     | Unk. | Na-<br>tive. | For.   | Na. Fa.<br>and<br>For. Mo. | For. Fa.<br>and<br>Na. Mo. | Unk. |
| MASSACHUSETTS, .         | 2,500,183                       | 70,457    | 36,199 | 34,258 | -    | 22,409       | 34,238 | 7,139                      | 6,465                      | 206  |
| BARNSTABLE, .            | 27,654                          | 470       | 253    | 217    | -    | 280          | 105    | 43                         | 40                         | 2    |
| BERKSHIRE, .             | 86,292                          | 2,190     | 1,087  | 1,103  | -    | 1,061        | 694    | 212                        | 220                        | 3    |
| BRISTOL, . .             | 219,019                         | 7,762     | 4,099  | 3,663  | -    | 1,654        | 4,701  | 700                        | 698                        | 9    |
| DUKES, . .               | 4,238                           | 59        | 30     | 29     | -    | 31           | 22     | 3                          | 3                          | -    |
| ESSEX, . .               | 330,393                         | 8,097     | 4,118  | 3,979  | -    | 2,855        | 3,534  | 901                        | 796                        | 11   |
| FRANKLIN, . .            | 40,145                          | 800       | 413    | 387    | -    | 438          | 236    | 63                         | 62                         | 1    |
| HAMPDEN, . .             | 152,938                         | 5,117     | 2,668  | 2,449  | -    | 1,556        | 2,591  | 514                        | 455                        | 1    |
| HAMPSHIRE, .             | 54,710                          | 1,210     | 608    | 602    | -    | 505          | 476    | 120                        | 109                        | -    |
| MIDDLESEX, .             | 499,217                         | 13,360    | 6,802  | 6,558  | -    | 4,193        | 6,261  | 1,503                      | 1,288                      | 115  |
| NANTUCKET, .             | 3,016                           | 38        | 18     | 20     | -    | 27           | 3      | 6                          | 2                          | -    |
| NORFOLK, . .             | 134,819                         | 3,295     | 1,706  | 1,589  | -    | 1,251        | 1,346  | 371                        | 318                        | 9    |
| PLYMOUTH, .              | 101,498                         | 2,194     | 1,131  | 1,063  | -    | 1,120        | 651    | 224                        | 194                        | 5    |
| SUFFOLK, . .             | 539,799                         | 17,294    | 8,863  | 8,431  | -    | 4,568        | 9,624  | 1,635                      | 1,422                      | 45   |
| WORCESTER, .             | 306,445                         | 8,571     | 4,403  | 4,168  | -    | 2,870        | 3,994  | 844                        | 858                        | 5    |

## MARRIAGES, AND DEATHS, 1899.

according to the State Census of 1895, the Births, Marriages, and during the Year 1899, — distinguishing the Sex and the Parentage of Nativity, and Aggregate and Average Ages by Counties of the Num-

| MARRIAGES. |              |       |               |                |      | DEATHS.  |         |        |              |        |      |                                      |           |        |
|------------|--------------|-------|---------------|----------------|------|----------|---------|--------|--------------|--------|------|--------------------------------------|-----------|--------|
| Couples.   | NATIVITY.    |       |               |                |      | Persons. | SEX.    |        | NATIVITY.    |        |      | No. whose<br>Ages are<br>registered. | AGE.      |        |
|            | Na-<br>tive. | For.  | Na.<br>Groom. | For.<br>Groom. | Unk. |          | M.      | F.     | Na-<br>tive. | For.   | Unk. |                                      | Agg'te.   | Av'ge. |
| 23,523     | 10,302       | 7,732 | 2,946         | 2,539          | 4    | 47,710   | 24,304  | 23,406 | 34,310       | 12,934 | 466  | 47,680                               | 1,719,543 | 36·06  |
| 218        | 169          | 22    | 11            | 16             | -    | 463      | 243     | 220    | 428          | 32     | 3    | 463                                  | 22,259    | 48·08  |
| 606        | 360          | 117   | 67            | 62             | -    | 1,436    | 691     | 745    | 1,084        | 332    | 20   | 1,433                                | 57,719    | 40·28  |
| 2,358      | 907          | 921   | 274           | 256            | -    | 4,849    | 2,476   | 2,373  | 3,470        | 1,339  | 40   | 4,848                                | 146,828   | 30·29  |
| 17         | 12           | 2     | 2             | 1              | -    | 88       | 44      | 44     | 73           | 10     | 5    | 88                                   | 2,867     | 32·58  |
| 2,801      | 1,301        | 827   | 369           | 303            | 1    | 6,057    | * 2,985 | 3,072  | 4,523        | 1,488  | 46   | 6,051                                | 222,749   | 36·81  |
| 288        | 197          | 41    | 22            | 28             | -    | 623      | 317     | 306    | 511          | 105    | 7    | 622                                  | 30,489    | 49·02  |
| 1,480      | 636          | 553   | 139           | 151            | 1    | 2,890    | 1,458   | 1,432  | 2,093        | 767    | 30   | 2,888                                | 97,373    | 33·72  |
| 462        | 259          | 121   | 40            | 42             | -    | 900      | 455     | 445    | 705          | 183    | 12   | 900                                  | 42,352    | 47·06  |
| 4,247      | 1,773        | 1,385 | 612           | 477            | -    | 8,954    | 4,528   | 4,426  | 6,326        | 2,520  | 108  | 8,950                                | 329,673   | 36·83  |
| 13         | 8            | -     | 3             | 2              | -    | 69       | 29      | 40     | 61           | 8      | -    | 69                                   | 4,248     | 61·57  |
| 982        | 512          | 248   | 124           | 97             | 1    | 2,177    | 1,144   | 1,033  | 1,638        | 514    | 25   | 2,171                                | 90,460    | 41·67  |
| 797        | 493          | 135   | 96            | 73             | -    | 1,708    | 934     | 774    | 1,385        | 307    | 16   | 1,706                                | 65,605    | 38·46  |
| 6,576      | 2,381        | 2,569 | 883           | 743            | -    | 11,946   | 6,160   | 5,786  | 7,892        | 3,938  | 116  | 11,944                               | 394,514   | 33·03  |
| 2,678      | 1,294        | 791   | 304           | 288            | 1    | 5,550    | 2,840   | 2,710  | 4,121        | 1,391  | 38   | 5,547                                | 212,407   | 38·29  |

\* Including 44 fishermen lost at sea.

TABLE I. — *Births, Marriages, and Deaths,*

| COUNTIES AND TOWNS. | Population, State Census, 1895. | BIRTHS.   |       |       |      |              |       |                            |                            |      |
|---------------------|---------------------------------|-----------|-------|-------|------|--------------|-------|----------------------------|----------------------------|------|
|                     |                                 | Whole No. | SEX.  |       |      | PARENTAGE.   |       |                            |                            |      |
|                     |                                 |           | M.    | F.    | Unk. | Na-<br>tive. | For.  | Na. Fa.<br>and<br>For. Mo. | For. Fa.<br>and<br>Na. Mo. | Unk. |
| BARNSTABLE, .       | 27,654                          | 470       | 253   | 217   | -    | 280          | 105   | 43                         | 40                         | 2    |
| Barnstable, . .     | 4,055                           | 71        | 35    | 36    | -    | 54           | 2     | 13                         | 1                          | 1    |
| Bourne, . . .       | 1,580                           | 17        | 9     | 8     | -    | 11           | 1     | 5                          | -                          | -    |
| Brewster, . . .     | 901                             | 4         | 2     | 2     | -    | 3            | 1     | -                          | -                          | -    |
| Chatham, . . .      | 1,809                           | 24        | 12    | 12    | -    | 20           | -     | 2                          | 2                          | -    |
| Dennis, . . .       | 2,545                           | 26        | 15    | 11    | -    | 25           | 1     | -                          | -                          | -    |
| Eastham, . . .      | 476                             | 7         | 5     | 2     | -    | 7            | -     | -                          | -                          | -    |
| Falmouth, . . .     | 2,655                           | 42        | 27    | 15    | -    | 25           | 11    | 4                          | 1                          | 1    |
| Harwich, . . .      | 2,532                           | 50        | 23    | 27    | -    | 28           | 17    | 5                          | -                          | -    |
| Mashpee, . . .      | 330                             | 14        | 5     | 9     | -    | 14           | -     | -                          | -                          | -    |
| Orleans, . . .      | 1,198                           | 16        | 10    | 6     | -    | 16           | -     | -                          | -                          | -    |
| Provincetown, .     | 4,555                           | 139       | 80    | 59    | -    | 39           | 62    | 8                          | 30                         | -    |
| Sandwich, . . .     | 1,580                           | 20        | 12    | 8     | -    | 14           | 3     | 3                          | -                          | -    |
| Truro, . . .        | 815                             | 14        | 4     | 10    | -    | 7            | 3     | -                          | 4                          | -    |
| Wellfleet, . . .    | 968                             | 11        | 7     | 4     | -    | 8            | 1     | 1                          | 1                          | -    |
| Yarmouth, . . .     | 1,655                           | 15        | 7     | 8     | -    | 9            | 3     | 2                          | 1                          | -    |
| BERKSHIRE, .        | 86,292                          | 2,190     | 1,087 | 1,103 | -    | 1,061        | 694   | 212                        | 220                        | 3    |
| Adams, . . .        | 7,837                           | 349       | 182   | 167   | -    | 80           | 203   | 35                         | 31                         | -    |
| Alford, . . .       | 280                             | 4         | 2     | 2     | -    | 4            | -     | -                          | -                          | -    |
| Becket, . . .       | 888                             | 12        | 6     | 6     | -    | 11           | -     | -                          | 1                          | -    |
| Cheshire, . . .     | 1,176                           | 23        | 11    | 12    | -    | 13           | 5     | 3                          | 2                          | -    |
| Clarkeburg, . .     | 1,009                           | 25        | 13    | 12    | -    | 13           | 6     | 3                          | 3                          | -    |
| Dalton, . . .       | 3,210                           | 46        | 24    | 22    | -    | 35           | 6     | 5                          | -                          | -    |
| Egremont, . . .     | 836                             | 2         | 1     | 1     | -    | 2            | -     | -                          | -                          | -    |
| Florida, . . .      | 425                             | 13        | 6     | 7     | -    | 8            | 2     | -                          | 3                          | -    |
| Gt. Barrington, .   | 4,794                           | 115       | 64    | 51    | -    | 62           | 32    | 13                         | 8                          | -    |
| Hancock, . . .      | 511                             | 7         | 4     | 3     | -    | 6            | 1     | -                          | -                          | -    |
| Hinsdale, . . .     | 1,650                           | 27        | 16    | 11    | -    | 20           | 1     | 1                          | 5                          | -    |
| Lanesborough, .     | 848                             | 15        | 6     | 9     | -    | 12           | -     | 1                          | 2                          | -    |
| Lee, . . .          | 4,066                           | 99        | 54    | 45    | -    | 64           | 19    | 7                          | 8                          | 1    |
| Lenox, . . .        | 2,872                           | 65        | 36    | 29    | -    | 27           | 22    | 8                          | 8                          | -    |
| Monterey, . . .     | 404                             | 7         | 4     | 3     | -    | 5            | -     | 1                          | 1                          | -    |
| Mt. Washington, .   | 136                             | 3         | -     | 3     | -    | 1            | 1     | -                          | 1                          | -    |
| New Ashford, . .    | 116                             | 2         | 2     | -     | -    | 2            | -     | -                          | -                          | -    |
| New Marlborough, .  | 1,283                           | 16        | 9     | 7     | -    | 14           | -     | 2                          | -                          | -    |
| North Adams, . .    | 19,135                          | 612       | 292   | 320   | -    | 229          | 241   | 65                         | 77                         | -    |
| Otis, . . .         | 518                             | 4         | 1     | 3     | -    | 4            | -     | -                          | -                          | -    |
| Peru, . . .         | 305                             | 6         | 2     | 4     | -    | 2            | 2     | 1                          | 1                          | -    |
| Pittsfield, . . .   | 20,461                          | 495       | 229   | 266   | -    | 285          | 110   | 44                         | 55                         | 1    |
| Richmond, . . .     | 701                             | 9         | 3     | 6     | -    | 6            | 2     | 1                          | -                          | -    |
| Sandisfield, . . .  | 802                             | 10        | 6     | 4     | -    | 9            | 1     | -                          | -                          | -    |
| Savoy, . . .        | 504                             | 15        | 8     | 7     | -    | 14           | 1     | -                          | -                          | -    |
| Sheffield, . . .    | 1,897                           | 28        | 15    | 13    | -    | 27           | -     | 1                          | -                          | -    |
| Stockbridge, . . .  | 2,077                           | 29        | 13    | 16    | -    | 23           | 3     | 2                          | 1                          | -    |
| Tyringham, . . .    | 363                             | 4         | 2     | 2     | -    | 3            | -     | 1                          | -                          | -    |
| Washington, . . .   | 423                             | 6         | 5     | 1     | -    | 2            | 1     | 1                          | 2                          | -    |
| W. Stockbridge, .   | 1,257                           | 20        | 9     | 11    | -    | 16           | 2     | -                          | 2                          | -    |
| Williamstown, . .   | 4,887                           | 110       | 57    | 53    | -    | 53           | 32    | 15                         | 9                          | 1    |
| Windsor, . . .      | 556                             | 12        | 5     | 7     | -    | 9            | 1     | 2                          | -                          | -    |
| BRISTOL, . .        | 219,019                         | 7,762     | 4,099 | 3,663 | -    | 1,654        | 4,701 | 700                        | 698                        | 9    |
| Acushnet, . . .     | 1,115                           | 23        | 15    | 8     | -    | 20           | 3     | -                          | -                          | -    |
| Attleborough, . .   | 8,288                           | 210       | 115   | 95    | -    | 73           | 90    | 22                         | 25                         | -    |
| Berkley, . . .      | 955                             | 12        | 5     | 7     | -    | 7            | 2     | 2                          | 1                          | -    |
| Dartmouth, . . .    | 3,107                           | 44        | 26    | 18    | -    | 18           | 22    | 3                          | 1                          | -    |
| Dighton, . . .      | 1,797                           | 38        | 21    | 17    | -    | 21           | 13    | 2                          | 2                          | -    |
| Easton, . . .       | 4,452                           | 97        | 49    | 48    | -    | 35           | 40    | 14                         | 8                          | -    |
| Fairhaven, . . .    | 3,338                           | 77        | 38    | 39    | -    | 43           | 25    | 5                          | 4                          | -    |
| Fall River, . . .   | 89,203                          | 3,987     | 2,132 | 1,855 | -    | 580          | 2,654 | 380                        | 370                        | 3    |
| Freetown, . . .     | 1,405                           | 16        | 9     | 7     | -    | 13           | 1     | 2                          | -                          | -    |
| Munfield, . . .     | 3,722                           | 79        | 39    | 40    | -    | 56           | 10    | 9                          | 4                          | -    |
| New Bedford, . .    | 55,251                          | 2,065     | 1,079 | 986   | -    | 376          | 1,365 | 144                        | 174                        | 6    |
| No. Attleborough, . | 6,576                           | 142       | 69    | 73    | -    | 56           | 46    | 23                         | 17                         | -    |

*Registered during the Year 1899—Continued.*

| MARRIAGES. |           |      |            |             |      |          | DEATHS. |       |           |       |      |                                |         |        |   |  |  |
|------------|-----------|------|------------|-------------|------|----------|---------|-------|-----------|-------|------|--------------------------------|---------|--------|---|--|--|
| Couples.   | NATIVITY. |      |            |             |      | Persons. | SEX.    |       | NATIVITY. |       |      | No. whose Ages are registered. | AGE.    |        |   |  |  |
|            | Na-tive.  | For. | Na. Groom. | For. Groom. | Unk. |          | M.      | F.    | Na-tive.  | For.  | Unk. |                                | Agg'te. | Av'ge. |   |  |  |
|            |           |      |            |             |      |          |         |       |           |       |      |                                |         |        |   |  |  |
| 218        | 169       | 22   | 11         | 16          | -    | 463      | 243     | 220   | 428       | 32    | 3    | 463                            | 22,259  | 48.08  |   |  |  |
| 37         | 25        | 6    | 5          | 1           | -    | 64       | 31      | 33    | 63        | 1     | -    | -                              | -       | -      | - |  |  |
| 19         | 14        | 4    | -          | 1           | -    | 25       | 14      | 11    | 25        | -     | -    | -                              | -       | -      | - |  |  |
| 3          | 1         | -    | 2          | -           | -    | 16       | 8       | 8     | 15        | 1     | -    | -                              | -       | -      | - |  |  |
| 11         | 11        | -    | -          | -           | -    | 25       | 12      | 13    | 24        | 1     | -    | -                              | -       | -      | - |  |  |
| 17         | 16        | -    | -          | 1           | -    | 32       | 15      | 17    | 30        | 2     | -    | -                              | -       | -      | - |  |  |
| 4          | 4         | -    | -          | -           | -    | 7        | 5       | 2     | 6         | 1     | -    | -                              | -       | -      | - |  |  |
| 21         | 14        | 3    | 1          | 3           | -    | 56       | 26      | 30    | 52        | 2     | 2    | -                              | -       | -      | - |  |  |
| 28         | 25        | 2    | -          | 1           | -    | 41       | 25      | 16    | 39        | 2     | -    | -                              | -       | -      | - |  |  |
| 3          | 3         | -    | -          | -           | -    | 14       | 10      | 4     | 14        | -     | -    | -                              | -       | -      | - |  |  |
| 9          | 8         | -    | 1          | -           | -    | 24       | 13      | 11    | 24        | -     | -    | -                              | -       | -      | - |  |  |
| 31         | 17        | 6    | 1          | 7           | -    | 68       | 34      | 34    | 50        | 18    | -    | -                              | -       | -      | - |  |  |
| 11         | 9         | -    | 1          | 1           | -    | 28       | 15      | 13    | 28        | -     | -    | -                              | -       | -      | - |  |  |
| 5          | 5         | -    | -          | -           | -    | 15       | 7       | 8     | 13        | 2     | -    | -                              | -       | -      | - |  |  |
| 7          | 7         | -    | -          | -           | -    | 25       | 14      | 11    | 23        | 1     | 1    | -                              | -       | -      | - |  |  |
| 12         | 10        | 1    | -          | 1           | -    | 23       | 14      | 9     | 22        | 1     | -    | -                              | -       | -      | - |  |  |
| 606        | 360       | 117  | 67         | 62          | -    | 1,436    | 691     | 745   | 1,084     | 332   | 20   | 1,433                          | 57,719  | 40.28  |   |  |  |
| 89         | 24        | 50   | 9          | 6           | -    | 184      | 95      | 89    | 129       | 54    | 1    | -                              | -       | -      | - |  |  |
| 4          | 4         | -    | -          | -           | -    | 9        | 4       | 5     | 9         | -     | -    | -                              | -       | -      | - |  |  |
| 3          | 3         | -    | -          | -           | -    | 22       | 6       | 16    | 13        | 9     | -    | -                              | -       | -      | - |  |  |
| 5          | 5         | -    | -          | -           | -    | 22       | 15      | 7     | 17        | 5     | -    | -                              | -       | -      | - |  |  |
| 2          | 2         | -    | -          | -           | -    | 22       | 13      | 9     | 18        | 4     | -    | -                              | -       | -      | - |  |  |
| 17         | 14        | 1    | 2          | -           | -    | 55       | 18      | 37    | 42        | 13    | -    | -                              | -       | -      | - |  |  |
| 7          | 6         | 1    | -          | -           | -    | 9        | 4       | 5     | 8         | -     | 1    | -                              | -       | -      | - |  |  |
| 1          | 1         | -    | -          | -           | -    | 4        | 3       | 1     | 3         | -     | 1    | -                              | -       | -      | - |  |  |
| 48         | 38        | 4    | 3          | 3           | -    | 87       | 44      | 43    | 72        | 12    | 3    | -                              | -       | -      | - |  |  |
| 2          | 2         | -    | -          | -           | -    | 11       | 3       | 8     | 10        | 1     | -    | -                              | -       | -      | - |  |  |
| 15         | 11        | 1    | 1          | 2           | -    | 20       | 5       | 15    | 13        | 7     | -    | -                              | -       | -      | - |  |  |
| 5          | 5         | -    | -          | -           | -    | 15       | 8       | 7     | 14        | 1     | -    | -                              | -       | -      | - |  |  |
| 25         | 21        | 1    | 1          | 2           | -    | 58       | 30      | 28    | 39        | 18    | 1    | -                              | -       | -      | - |  |  |
| 22         | 13        | 5    | 2          | 2           | -    | 34       | 16      | 18    | 26        | 8     | -    | -                              | -       | -      | - |  |  |
| 3          | 3         | -    | -          | -           | -    | 8        | 3       | 5     | 8         | -     | -    | -                              | -       | -      | - |  |  |
| -          | -         | -    | -          | -           | -    | 1        | -       | 1     | 1         | -     | -    | -                              | -       | -      | - |  |  |
| -          | -         | -    | -          | -           | -    | 2        | -       | -     | 2         | -     | -    | -                              | -       | -      | - |  |  |
| 7          | 6         | -    | -          | 1           | -    | 27       | 17      | 10    | 18        | 7     | 2    | -                              | -       | -      | - |  |  |
| 162        | 83        | 30   | 26         | 23          | -    | 306      | 140     | 166   | 227       | 75    | 4    | -                              | -       | -      | - |  |  |
| 2          | 2         | -    | -          | -           | -    | 13       | 7       | 6     | 12        | 1     | -    | -                              | -       | -      | - |  |  |
| 1          | 1         | -    | -          | -           | -    | 3        | 3       | -     | 3         | -     | -    | -                              | -       | -      | - |  |  |
| 119        | 70        | 16   | 17         | 16          | -    | 330      | 146     | 184   | 246       | 79    | 5    | -                              | -       | -      | - |  |  |
| 5          | 5         | -    | -          | -           | -    | 15       | 9       | 6     | 11        | 4     | -    | -                              | -       | -      | - |  |  |
| 1          | 1         | -    | -          | -           | -    | 14       | 8       | 6     | 12        | 2     | -    | -                              | -       | -      | - |  |  |
| 4          | 3         | -    | -          | 1           | -    | 11       | 6       | 5     | 10        | 1     | -    | -                              | -       | -      | - |  |  |
| 8          | 7         | -    | -          | 1           | -    | 35       | 15      | 20    | 33        | 2     | -    | -                              | -       | -      | - |  |  |
| 8          | 7         | -    | 1          | -           | -    | 34       | 19      | 15    | 25        | 9     | -    | -                              | -       | -      | - |  |  |
| 2          | 2         | -    | -          | -           | -    | 4        | 3       | 1     | 4         | -     | -    | -                              | -       | -      | - |  |  |
| 3          | 3         | -    | -          | -           | -    | 3        | 2       | 1     | 2         | 1     | -    | -                              | -       | -      | - |  |  |
| 2          | 2         | -    | -          | -           | -    | 25       | 15      | 10    | 21        | 4     | -    | -                              | -       | -      | - |  |  |
| 33         | 15        | 8    | 5          | 6           | -    | 46       | 27      | 19    | 29        | 15    | 2    | -                              | -       | -      | - |  |  |
| 1          | 1         | -    | -          | -           | -    | 7        | 5       | 2     | 7         | -     | -    | -                              | -       | -      | - |  |  |
| 2,358      | 907       | 921  | 274        | 256         | -    | 4,849    | 2,476   | 2,373 | 3,470     | 1,339 | 40   | 4,848                          | 146,828 | 30.29  |   |  |  |
| 10         | 7         | -    | 2          | 1           | -    | 20       | 7       | 13    | 18        | 2     | -    | -                              | -       | -      | - |  |  |
| 188        | 119       | 22   | 28         | 19          | -    | 145      | 63      | 82    | 109       | 35    | 1    | -                              | -       | -      | - |  |  |
| 5          | 4         | -    | 1          | -           | -    | 10       | 4       | 6     | 10        | -     | -    | -                              | -       | -      | - |  |  |
| 14         | 12        | 1    | -          | 1           | -    | 61       | 31      | 30    | 46        | 11    | 4    | -                              | -       | -      | - |  |  |
| 8          | 7         | -    | 1          | -           | -    | 44       | 27      | 17    | 41        | 3     | -    | -                              | -       | -      | - |  |  |
| 17         | 8         | 4    | 1          | 4           | -    | 89       | 41      | 48    | 63        | 26    | -    | -                              | -       | -      | - |  |  |
| 21         | 15        | 1    | 3          | 2           | -    | 69       | 33      | 36    | 64        | 3     | 2    | -                              | -       | -      | - |  |  |
| 970        | 270       | 459  | 117        | 124         | -    | 2,157    | 1,081   | 1,076 | 1,472     | 678   | 7    | -                              | -       | -      | - |  |  |
| 8          | 7         | 1    | -          | -           | -    | 26       | 14      | 12    | 23        | 2     | 1    | -                              | -       | -      | - |  |  |
| 27         | 23        | 3    | 1          | -           | -    | 62       | 33      | 29    | 54        | 7     | 1    | -                              | -       | -      | - |  |  |
| 634        | 183       | 323  | 67         | 61          | -    | 1,179    | 601     | 578   | 850       | 320   | 9    | -                              | -       | -      | - |  |  |
| 80         | 51        | 7    | 14         | 8           | -    | 100      | 48      | 52    | 65        | 34    | 1    | -                              | -       | -      | - |  |  |

TABLE I. — *Births, Marriages, and Deaths,*

| COUNTIES AND<br>TOWNS. | Population,<br>State Census,<br>1895. | BIRTHS.   |       |       |      |              |       |                            |                           |      |
|------------------------|---------------------------------------|-----------|-------|-------|------|--------------|-------|----------------------------|---------------------------|------|
|                        |                                       | Whole No. | SEX.  |       |      | PARENTAGE.   |       |                            |                           |      |
|                        |                                       |           | M.    | F.    | Unk. | Na-<br>tive. | For.  | Na. Fa.<br>and<br>For. Mo. | For. Fa<br>and<br>Na. Mo. | Unk. |
| <i>Bristol — Con.</i>  |                                       |           |       |       |      |              |       |                            |                           |      |
| Norton, . . .          | 1,614                                 | 28        | 15    | 13    | -    | 17           | 5     | 2                          | 4                         | -    |
| Raynham, . . .         | 1,518                                 | 27        | 18    | 9     | -    | 12           | 12    | 2                          | 1                         | -    |
| Rehoboth, . . .        | 1,510                                 | 21        | 8     | 13    | -    | 13           | 7     | -                          | 1                         | -    |
| Seekonk, . . .         | 1,465                                 | 36        | 18    | 18    | -    | 13           | 17    | 6                          | -                         | -    |
| Somerset, . . .        | 1,983                                 | 44        | 29    | 15    | -    | 19           | 18    | 2                          | 5                         | -    |
| Swansea, . . .         | 1,627                                 | 35        | 15    | 20    | -    | 20           | 11    | 3                          | 1                         | -    |
| Taunton, . . .         | 27,115                                | 728       | 375   | 353   | -    | 240          | 336   | 75                         | 77                        | -    |
| Westport, . . .        | 2,678                                 | 53        | 24    | 29    | -    | 22           | 24    | 4                          | 3                         | -    |
|                        |                                       |           |       |       |      |              |       |                            |                           |      |
| DUKES, . . .           | 4,238                                 | 59        | 30    | 29    | -    | 31           | 22    | 3                          | 3                         | -    |
| Chilmark, . . .        | 304                                   | 5         | 3     | 2     | -    | 5            | -     | -                          | -                         | -    |
| Cottage City, . . .    | 1,038                                 | 18        | 8     | 10    | -    | 4            | 13    | -                          | 1                         | -    |
| Edgartown, . . .       | 1,125                                 | 11        | 6     | 5     | -    | 6            | 2     | 2                          | 1                         | -    |
| Gay Head, . . .        | 169                                   | 6         | 3     | 3     | -    | 5            | 1     | -                          | -                         | -    |
| Gosnold, . . .         | 140                                   | -         | -     | -     | -    | -            | -     | -                          | -                         | -    |
| Tisbury, . . .         | 1,002                                 | 15        | 7     | 8     | -    | 8            | 5     | 1                          | 1                         | -    |
| West Tisbury, . . .    | 460                                   | 4         | 3     | 1     | -    | 3            | 1     | -                          | -                         | -    |
|                        |                                       |           |       |       |      |              |       |                            |                           |      |
| Essex, . . .           | 330,393                               | 8,097     | 4,118 | 3,979 | -    | 2,855        | 3,534 | 901                        | 796                       | 11   |
| Amesbury, . . .        | 9,986                                 | 211       | 107   | 104   | -    | 68           | 97    | 20                         | 26                        | -    |
| Andover, . . .         | 6,145                                 | 120       | 61    | 59    | -    | 49           | 42    | 16                         | 13                        | -    |
| Beverly, . . .         | 11,806                                | 266       | 130   | 136   | -    | 148          | 68    | 30                         | 20                        | -    |
| Boxford, . . .         | 727                                   | 12        | 6     | 6     | -    | 10           | -     | 2                          | -                         | -    |
| Danvers, . . .         | 8,181                                 | 158       | 87    | 71    | -    | 78           | 38    | 22                         | 20                        | -    |
| Essex, . . .           | 1,587                                 | 24        | 14    | 10    | -    | 13           | 7     | 2                          | 2                         | -    |
| Georgetown, . . .      | 2,050                                 | 18        | 5     | 13    | -    | 16           | 2     | -                          | -                         | -    |
| Gloucester, . . .      | 28,211                                | 582       | 282   | 300   | -    | 178          | 271   | 63                         | 70                        | -    |
| Groveland, . . .       | 2,333                                 | 44        | 26    | 18    | -    | 24           | 4     | 8                          | 8                         | -    |
| Hamilton, . . .        | 1,356                                 | 29        | 19    | 10    | -    | 16           | 7     | 2                          | 4                         | -    |
| Haverhill, . . .       | 34,945                                | 892       | 461   | 431   | -    | 366          | 346   | 86                         | 93                        | 1    |
| Ipswich, . . .         | 4,720                                 | 100       | 51    | 49    | -    | 42           | 30    | 16                         | 12                        | -    |
| Lawrence, . . .        | 52,164                                | 1,786     | 897   | 889   | -    | 314          | 1,138 | 171                        | 161                       | 2    |
| Lynn, . . .            | 62,354                                | 1,533     | 795   | 738   | -    | 575          | 601   | 192                        | 163                       | 2    |
| Lynnfield, . . .       | 818                                   | 13        | 3     | 10    | -    | 8            | 2     | 2                          | 1                         | -    |
| Manchester, . . .      | 1,876                                 | 45        | 23    | 22    | -    | 12           | 21    | 4                          | 8                         | -    |
| Marblehead, . . .      | 7,671                                 | 116       | 55    | 61    | -    | 82           | 16    | 16                         | 2                         | -    |
| Merrimac, . . .        | 2,301                                 | 30        | 19    | 11    | -    | 19           | 4     | 4                          | 3                         | -    |
| Methuen, . . .         | 5,690                                 | 161       | 84    | 77    | -    | 41           | 83    | 17                         | 19                        | 1    |
| Middleton, . . .       | 838                                   | 17        | 9     | 8     | -    | 6            | 4     | 6                          | 1                         | -    |
| Nahant, . . .          | 865                                   | 13        | 7     | 6     | -    | 6            | 3     | 4                          | -                         | -    |
| Newbury, . . .         | 1,489                                 | 12        | 7     | 5     | -    | 6            | 3     | -                          | 2                         | 1    |
| Newburyport, . . .     | 14,552                                | 282       | 140   | 142   | -    | 145          | 66    | 39                         | 32                        | -    |
| North Andover, . . .   | 3,569                                 | 69        | 36    | 33    | -    | 20           | 34    | 8                          | 7                         | -    |
| Peabody, . . .         | 10,507                                | 273       | 128   | 145   | -    | 109          | 99    | 35                         | 30                        | -    |
| Rockport, . . .        | 5,289                                 | 90        | 49    | 41    | -    | 35           | 40    | 7                          | 5                         | 3    |
| Rowley, . . .          | 1,272                                 | 49        | 27    | 22    | -    | 34           | 2     | 7                          | 6                         | -    |
| Salem, . . .           | 34,473                                | 932       | 491   | 441   | -    | 310          | 462   | 94                         | 66                        | -    |
| Salisbury, . . .       | 1,390                                 | 18        | 8     | 10    | -    | 16           | -     | 2                          | -                         | -    |
| Saugus, . . .          | 4,497                                 | 79        | 40    | 39    | -    | 39           | 21    | 9                          | 9                         | 1    |
| Swampscott, . . .      | 3,259                                 | 72        | 29    | 43    | -    | 37           | 18    | 10                         | 7                         | -    |
| Topsfield, . . .       | 1,033                                 | 12        | 4     | 8     | -    | 8            | -     | 2                          | 2                         | -    |
| Wenham, . . .          | 886                                   | 18        | 9     | 9     | -    | 11           | 2     | 2                          | 3                         | -    |
| West Newbury, . . .    | 1,643                                 | 21        | 9     | 12    | -    | 14           | 3     | 3                          | 1                         | -    |
|                        |                                       |           |       |       |      |              |       |                            |                           |      |
| FRANKLIN, . . .        | 40,145                                | 800       | 413   | 387   | -    | 438          | 236   | 63                         | 62                        | 1    |
| Ashfield, . . .        | 1,013                                 | 12        | 6     | 6     | -    | 8            | 1     | 1                          | 2                         | -    |
| Barnardston, . . .     | 778                                   | 10        | 7     | 3     | -    | 8            | -     | 1                          | 1                         | -    |
| Buckland, . . .        | 1,548                                 | 25        | 10    | 15    | -    | 16           | 6     | 3                          | -                         | -    |
| Charlemont, . . .      | 1,041                                 | 12        | 6     | 6     | -    | 8            | 2     | -                          | 2                         | -    |
| Colrain, . . .         | 1,610                                 | 24        | 14    | 10    | -    | 12           | 8     | 2                          | 2                         | -    |

*Registered during the Year 1899—Continued.*

| MARRIAGES. |              |      |               |                |      | DEATHS.  |       |       |              |       |      |                                |         |        |
|------------|--------------|------|---------------|----------------|------|----------|-------|-------|--------------|-------|------|--------------------------------|---------|--------|
| Couples.   | NATIVITY.    |      |               |                |      | Persons. | SEX.  |       | NATIVITY.    |       |      | No. whose Ages are registered. | AGE.    |        |
|            | Na-<br>tive. | For. | Na.<br>Groom. | For.<br>Groom. | Unk. |          | M.    | F.    | Na-<br>tive. | For.  | Unk. |                                | Agg'te. | Av'ge. |
| 6          | 4            | -    | 1             | 1              | -    | 29       | 19    | 10    | 25           | 2     | 2    | -                              | -       | -      |
| 8          | 7            | 1    | -             | -              | -    | 32       | 19    | 13    | 25           | 6     | 1    | -                              | -       | -      |
| 17         | 12           | 1    | 1             | 3              | -    | 29       | 17    | 12    | 23           | 6     | -    | -                              | -       | -      |
| 4          | 4            | -    | -             | -              | -    | 17       | 6     | 11    | 15           | 2     | -    | -                              | -       | -      |
| 13         | 8            | 3    | 1             | 1              | -    | 46       | 26    | 20    | 36           | 10    | -    | -                              | -       | -      |
| 21         | 16           | -    | 3             | 2              | -    | 23       | 16    | 7     | 21           | 2     | -    | -                              | -       | -      |
| 288        | 137          | 90   | 32            | 29             | -    | 671      | 368   | 303   | 475          | 185   | 11   | -                              | -       | -      |
| 19         | 13           | 5    | 1             | -              | -    | 40       | 22    | 18    | 35           | 5     | -    | -                              | -       | -      |
| 17         | 12           | 2    | 2             | 1              | -    | 88       | 44    | 44    | 73           | 10    | 5    | 88                             | 2,867   | 32.58  |
| -          | -            | -    | -             | -              | -    | 6        | 3     | 3     | 6            | -     | -    | -                              | -       | -      |
| 6          | 4            | 2    | -             | -              | -    | 27       | 12    | 15    | 18           | 7     | 2    | -                              | -       | -      |
| 3          | 1            | -    | 1             | 1              | -    | 24       | 16    | 8     | 24           | -     | -    | -                              | -       | -      |
| -          | -            | -    | -             | -              | -    | 5        | 2     | 3     | 5            | -     | -    | -                              | -       | -      |
| -          | -            | -    | -             | -              | -    | -        | -     | -     | -            | -     | -    | -                              | -       | -      |
| 8          | 7            | -    | 1             | -              | -    | 19       | 10    | 9     | 14           | 3     | 2    | -                              | -       | -      |
| -          | -            | -    | -             | -              | -    | 7        | 1     | 6     | 6            | -     | 1    | -                              | -       | -      |
| 2,801      | 1,301        | 827  | 369           | 303            | 1    | 6,057    | 2,985 | 3,072 | 4,523        | 1,488 | 46   | 6,051                          | 222,749 | 36.81  |
| 41         | 22           | 11   | 5             | 3              | -    | 163      | 80    | 83    | 131          | 32    | -    | -                              | -       | -      |
| 29         | 19           | 4    | 4             | 2              | -    | 110      | 53    | 57    | 79           | 28    | 3    | -                              | -       | -      |
| 98         | 50           | 22   | 15            | 11             | -    | 195      | 84    | 111   | 157          | 37    | 1    | -                              | -       | -      |
| 2          | 2            | -    | -             | -              | -    | 20       | 6     | 14    | 18           | 1     | 1    | -                              | -       | -      |
| 41         | 27           | 4    | 5             | 5              | -    | 237      | 114   | 123   | 152          | 84    | 1    | -                              | -       | -      |
| 11         | 6            | 1    | 3             | 1              | -    | 27       | 15    | 12    | 25           | 2     | -    | -                              | -       | -      |
| 13         | 10           | -    | 2             | 1              | -    | 40       | 18    | 22    | 34           | 3     | 3    | -                              | -       | -      |
| 204        | 92           | 67   | 24            | 21             | -    | 394      | *221  | 173   | 288          | 106   | -    | -                              | -       | -      |
| 11         | 9            | -    | -             | 2              | -    | 37       | 14    | 23    | 29           | 8     | -    | -                              | -       | -      |
| 10         | 7            | 1    | 2             | -              | -    | 24       | 16    | 8     | 22           | 2     | -    | -                              | -       | -      |
| 322        | 187          | 63   | 42            | 30             | -    | 552      | 265   | 287   | 429          | 120   | 3    | -                              | -       | -      |
| 38         | 14           | 17   | 4             | 3              | -    | 75       | 38    | 35    | 58           | 14    | 1    | -                              | -       | -      |
| 672        | 184          | 315  | 88            | 85             | -    | 1,235    | 596   | 639   | 795          | 430   | 10   | -                              | -       | -      |
| 604        | 298          | 148  | 78            | 80             | -    | 1,034    | 527   | 507   | 792          | 236   | 6    | -                              | -       | -      |
| 1          | 1            | -    | -             | -              | -    | 20       | 10    | 10    | 17           | 3     | -    | -                              | -       | -      |
| 5          | 2            | 2    | -             | 1              | -    | 34       | 16    | 18    | 26           | 8     | -    | -                              | -       | -      |
| 51         | 40           | 3    | 5             | 3              | -    | 118      | 50    | 68    | 103          | 15    | -    | -                              | -       | -      |
| 17         | 11           | -    | 5             | 1              | -    | 36       | 19    | 17    | 32           | 3     | 1    | -                              | -       | -      |
| 44         | 18           | 10   | 9             | 6              | 1    | 110      | 53    | 57    | 92           | 17    | 1    | -                              | -       | -      |
| 4          | 3            | -    | -             | 1              | -    | 10       | 5     | 5     | 6            | 4     | -    | -                              | -       | -      |
| 7          | 4            | 1    | 2             | -              | -    | 12       | 7     | 5     | 11           | -     | 1    | -                              | -       | -      |
| 11         | 10           | -    | 1             | -              | -    | 15       | 6     | 9     | 14           | 1     | -    | -                              | -       | -      |
| 96         | 56           | 16   | 13            | 11             | -    | 274      | 119   | 155   | 219          | 54    | 1    | -                              | -       | -      |
| 29         | 13           | 8    | 5             | 3              | -    | 57       | 31    | 26    | 36           | 21    | -    | -                              | -       | -      |
| ✓65        | 31           | 20   | 10            | 4              | -    | ✓177     | 85    | 92    | 128          | 49    | -    | -                              | -       | -      |
| 28         | 14           | 11   | 2             | 1              | -    | 82       | 43    | 39    | 68           | 11    | 3    | -                              | -       | -      |
| 12         | 9            | -    | 2             | 1              | -    | 34       | 12    | 22    | 34           | -     | -    | -                              | -       | -      |
| 280        | 126          | 98   | 34            | 22             | -    | 713      | 375   | 338   | 543          | 168   | 2    | -                              | -       | -      |
| 6          | 4            | -    | 1             | 1              | -    | 20       | 10    | 10    | 17           | 3     | -    | -                              | -       | -      |
| 19         | 12           | 1    | 5             | 1              | -    | 82       | 38    | 44    | 65           | 10    | 7    | -                              | -       | -      |
| 14         | 8            | 3    | 2             | 1              | -    | 63       | 33    | 30    | 53           | 10    | -    | -                              | -       | -      |
| 6          | 4            | 1    | -             | 1              | -    | 17       | 10    | 7     | 16           | -     | 1    | -                              | -       | -      |
| 4          | 4            | -    | -             | -              | -    | 16       | 6     | 10    | 16           | -     | -    | -                              | -       | -      |
| 6          | 4            | -    | 1             | 1              | -    | 26       | 10    | 16    | 18           | 8     | -    | -                              | -       | -      |
| 288        | 197          | 41   | 22            | 28             | -    | 623      | 317   | 306   | 511          | 105   | 7    | 622                            | 30,489  | 49.02  |
| 7          | 5            | -    | 1             | 1              | -    | 20       | 9     | 11    | 19           | 1     | -    | -                              | -       | -      |
| 12         | 10           | -    | 1             | 1              | -    | 16       | 6     | 10    | 15           | 1     | -    | -                              | -       | -      |
| 12         | 5            | 4    | -             | 3              | -    | 23       | 11    | 12    | 17           | 6     | -    | -                              | -       | -      |
| 7          | 7            | -    | -             | -              | -    | 14       | 8     | 6     | 13           | 1     | -    | -                              | -       | -      |
| 12         | 7            | 1    | -             | 4              | -    | 25       | 14    | 11    | 20           | 4     | 1    | -                              | -       | -      |

\* Including 44 fishermen lost at sea.

TABLE I. — *Births, Marriages, and Deaths,*

| COUNTIES AND TOWNS.   | Population, State Census, 1895. | BIRTHS.   |       |       |      |              |       |                            |                            |      |
|-----------------------|---------------------------------|-----------|-------|-------|------|--------------|-------|----------------------------|----------------------------|------|
|                       |                                 | Whole No. | SEX.  |       |      | PARENTAGE.   |       |                            |                            |      |
|                       |                                 |           | M.    | F.    | Unk. | Na-<br>tive. | For.  | Na. Fa.<br>and<br>For. Mo. | For. Fa.<br>and<br>Na. Mo. | Unk. |
| Franklin — Con.       |                                 |           |       |       |      |              |       |                            |                            |      |
| Conway, . . .         | 1,304                           | 25        | 12    | 13    | -    | 19           | 4     | -                          | 2                          | -    |
| Deerfield, . . .      | 3,007                           | 40        | 26    | 14    | -    | 20           | 11    | 7                          | 2                          | -    |
| Erving, . . .         | 964                             | 14        | 7     | 7     | -    | 12           | 2     | -                          | -                          | -    |
| Gill, . . .           | 1,082                           | 23        | 13    | 10    | -    | 15           | 4     | 3                          | 1                          | -    |
| Greenfield, . . .     | 6,229                           | 168       | 81    | 87    | -    | 97           | 43    | 14                         | 14                         | -    |
| Hawley, . . .         | 468                             | 10        | 6     | 4     | -    | 6            | 2     | 1                          | 1                          | -    |
| Heath, . . .          | 476                             | 4         | 1     | 3     | -    | 3            | -     | -                          | 1                          | -    |
| Leverett, . . .       | 744                             | 10        | 8     | 2     | -    | 9            | -     | 1                          | -                          | -    |
| Leyden, . . .         | 363                             | 9         | 6     | 3     | -    | 8            | -     | -                          | 1                          | -    |
| Monroe, . . .         | 298                             | 2         | 1     | 1     | -    | 1            | 1     | -                          | -                          | -    |
| Montague, . . .       | 6,058                           | 178       | 91    | 87    | -    | 46           | 91    | 20                         | 21                         | -    |
| New Salem, . . .      | 869                             | 9         | 4     | 5     | -    | 6            | 1     | -                          | 1                          | 1    |
| Northfield, . . .     | 1,851                           | 23        | 13    | 15    | -    | 25           | 3     | -                          | -                          | -    |
| Orange, . . .         | 5,361                           | 106       | 55    | 51    | -    | 57           | 41    | 2                          | 6                          | -    |
| Rowe, . . .           | 498                             | 2         | -     | 2     | -    | 1            | 1     | -                          | -                          | -    |
| Shelburne, . . .      | 1,560                           | 26        | 11    | 15    | -    | 19           | 3     | 3                          | 1                          | -    |
| Shutesbury, . . .     | 444                             | 3         | 2     | 1     | -    | 2            | 1     | -                          | -                          | -    |
| Sunderland, . . .     | 696                             | 15        | 11    | 4     | -    | 7            | 6     | 1                          | 1                          | -    |
| Warwick, . . .        | 599                             | 18        | 11    | 7     | -    | 13           | 2     | 1                          | 2                          | -    |
| Wendell, . . .        | 529                             | 16        | 7     | 9     | -    | 11           | 3     | 2                          | -                          | -    |
| Whately, . . .        | 755                             | 11        | 4     | 7     | -    | 9            | -     | 1                          | 1                          | -    |
| HAMPDEN, . . .        | 152,938                         | 5,117     | 2,668 | 2,449 | -    | 1,556        | 2,591 | 514                        | 455                        | 1    |
| Agawam, . . .         | 2,408                           | 63        | 28    | 35    | -    | 30           | 18    | 5                          | 10                         | -    |
| Blandford, . . .      | 849                             | 15        | 5     | 10    | -    | 15           | -     | -                          | -                          | -    |
| Brimfield, . . .      | 962                             | 14        | 5     | 9     | -    | 8            | 2     | 2                          | 2                          | -    |
| Chester, . . .        | 1,429                           | 24        | 13    | 11    | -    | 14           | 3     | 3                          | 4                          | -    |
| Chicopee, . . .       | 16,420                          | 700       | 359   | 341   | -    | 123          | 459   | 58                         | 60                         | -    |
| E Longmeadow, . . .   | 1,591                           | 38        | 18    | 20    | -    | 11           | 22    | 2                          | 3                          | -    |
| Granville, . . .      | 1,005                           | 25        | 14    | 11    | -    | 15           | 7     | 3                          | -                          | -    |
| Hampden, . . .        | 743                             | 11        | 5     | 6     | -    | 9            | 1     | 1                          | -                          | -    |
| Holland, . . .        | 199                             | 5         | 4     | 1     | -    | 4            | -     | -                          | 1                          | -    |
| Holyoke, . . .        | 40,322                          | 1,692     | 859   | 833   | -    | 292          | 1,068 | 173                        | 159                        | -    |
| Longmeadow, . . .     | 620                             | 12        | 3     | 9     | -    | 6            | 4     | 2                          | -                          | -    |
| Ludlow, . . .         | 2,562                           | 101       | 54    | 47    | -    | 26           | 46    | 16                         | 13                         | -    |
| Monson, . . .         | 3,746                           | 62        | 28    | 34    | -    | 38           | 17    | 4                          | 3                          | -    |
| Montgomery, . . .     | 275                             | 4         | 3     | 1     | -    | 3            | 1     | -                          | -                          | -    |
| Palmer, . . .         | 6,858                           | 250       | 138   | 112   | -    | 61           | 160   | 14                         | 15                         | -    |
| Russell, . . .        | 846                             | 15        | 12    | 3     | -    | 10           | 2     | -                          | 3                          | -    |
| Southwick, . . .      | 961                             | 13        | 7     | 6     | -    | 12           | -     | -                          | 1                          | -    |
| Springfield, . . .    | 51,522                          | 1,512     | 803   | 709   | -    | 604          | 606   | 162                        | 139                        | 1    |
| Tolland, . . .        | 309                             | 4         | 2     | 2     | -    | 3            | -     | 1                          | -                          | -    |
| Wales, . . .          | 783                             | 19        | 8     | 11    | -    | 8            | -     | 5                          | 6                          | -    |
| W. Springfield, . . . | 6,125                           | 194       | 108   | 86    | -    | 104          | 44    | 28                         | 18                         | -    |
| Westfield, . . .      | 10,663                          | 316       | 173   | 143   | -    | 149          | 123   | 27                         | 17                         | -    |
| Wilbraham, . . .      | 1,740                           | 28        | 19    | 9     | -    | 11           | 8     | 8                          | 1                          | -    |
| HAMPSHIRE, . . .      | 54,710                          | 1,210     | 608   | 602   | -    | 505          | 476   | 120                        | 109                        | -    |
| Amherst, . . .        | 4,785                           | 77        | 40    | 37    | -    | 45           | 21    | 7                          | 4                          | -    |
| Belchertown, . . .    | 2,161                           | 43        | 20    | 23    | -    | 25           | 11    | 4                          | 3                          | -    |
| Chesterfield, . . .   | 589                             | 12        | 7     | 5     | -    | 11           | -     | 1                          | -                          | -    |
| Cummington, . . .     | 750                             | 12        | 7     | 5     | -    | 10           | -     | 1                          | 1                          | -    |
| Easthampton, . . .    | 4,790                           | 121       | 61    | 60    | -    | 49           | 50    | 13                         | 9                          | -    |
| Enfield, . . .        | 990                             | 18        | 9     | 9     | -    | 9            | 7     | 2                          | -                          | -    |
| Goshen, . . .         | 304                             | 4         | 1     | 3     | -    | -            | 3     | -                          | 1                          | -    |
| Granby, . . .         | 748                             | 14        | 3     | 11    | -    | 5            | 7     | 1                          | 1                          | -    |
| Greenwich, . . .      | 481                             | 11        | 6     | 5     | -    | 8            | 1     | 1                          | 1                          | -    |
| Hadley, . . .         | 1,704                           | 22        | 7     | 15    | -    | 11           | 11    | -                          | -                          | -    |
| Hatfield, . . .       | 1,262                           | 34        | 17    | 17    | -    | 17           | 15    | -                          | 2                          | -    |
| Huntington, . . .     | 1,450                           | 32        | 13    | 19    | -    | 20           | 10    | -                          | 2                          | -    |
| Middlefield, . . .    | 386                             | 11        | 4     | 7     | -    | 10           | 1     | -                          | -                          | -    |
| Northampton, . . .    | 16,746                          | 387       | 203   | 184   | -    | 144          | 141   | 53                         | 49                         | -    |
| Belham, . . .         | 486                             | 11        | 6     | 5     | -    | 9            | 2     | -                          | -                          | -    |
| Plainfield, . . .     | 450                             | 6         | 2     | 4     | -    | 6            | -     | -                          | -                          | -    |
| Prescott, . . .       | 401                             | 3         | 2     | 1     | -    | 3            | -     | -                          | -                          | -    |



*Registered during the Year 1899 — Continued.*

| MARRIAGES. |              |      |               |                |      | DEATHS.  |       |       |              |      |      |                                      |         |        |  |
|------------|--------------|------|---------------|----------------|------|----------|-------|-------|--------------|------|------|--------------------------------------|---------|--------|--|
| Couples.   | NATIVITY.    |      |               |                |      | Persons. | SEX.  |       | NATIVITY.    |      |      | No. whose<br>Ages are<br>registered. | AGE.    |        |  |
|            | Na-<br>tive. | For. | Na.<br>Groom. | For.<br>Groom. | Unk. |          | M.    | F.    | Na-<br>tive. | For. | Unk. |                                      | Agg'te. | Av'ge. |  |
| 7          | 5            | 1    | -             | -              | 1    | -        | 22    | 11    | 11           | 49   | 3    | -                                    | -       | -      |  |
| 18         | 10           | 3    | 2             | -              | 3    | -        | 39    | 19    | 20           | 29   | 10   | -                                    | -       | -      |  |
| 5          | 5            | -    | -             | -              | -    | -        | 13    | 7     | 6            | 12   | 1    | -                                    | -       | -      |  |
| 2          | 2            | -    | -             | -              | -    | -        | 6     | 3     | 3            | 6    | -    | -                                    | -       | -      |  |
| 74         | 56           | 6    | 7             | -              | 5    | -        | 115   | 62    | 53           | 91   | 22   | 2                                    | -       | -      |  |
| 1          | -            | -    | -             | -              | -    | -        | 5     | 3     | 2            | 5    | -    | -                                    | -       | -      |  |
| 2          | 2            | -    | -             | -              | -    | -        | 3     | 2     | 1            | 3    | -    | -                                    | -       | -      |  |
| 4          | 4            | -    | -             | -              | -    | -        | 20    | 16    | 4            | 18   | 1    | 1                                    | -       | -      |  |
| 12         | 2            | -    | -             | -              | -    | -        | 3     | 2     | 1            | 3    | -    | -                                    | -       | -      |  |
| 1          | -            | -    | -             | -              | -    | -        | 1     | -     | 1            | 1    | -    | -                                    | -       | -      |  |
| 48         | 20           | 15   | 7             | -              | 6    | -        | 84    | 42    | 42           | 55   | 29   | -                                    | -       | -      |  |
| 1          | 1            | -    | -             | -              | -    | -        | 15    | 6     | 9            | 15   | -    | -                                    | -       | -      |  |
| 8          | 5            | 1    | 2             | -              | -    | -        | 32    | 18    | 14           | 27   | 5    | -                                    | -       | -      |  |
| 36         | 26           | 7    | 1             | -              | 2    | -        | 80    | 34    | 46           | 65   | 12   | 3                                    | -       | -      |  |
| 4          | 4            | -    | -             | -              | -    | -        | 6     | 5     | 1            | 2    | 4    | -                                    | -       | -      |  |
| 11         | 9            | 1    | -             | -              | 1    | -        | 34    | 19    | 15           | 33   | 1    | -                                    | -       | -      |  |
| 2          | 2            | -    | -             | -              | -    | -        | 7     | 3     | 4            | 7    | -    | -                                    | -       | -      |  |
| 6          | 4            | 2    | -             | -              | -    | -        | 7     | 3     | 4            | 5    | 2    | -                                    | -       | -      |  |
| 2          | 1            | -    | -             | -              | 1    | -        | 8     | 3     | 5            | 8    | -    | -                                    | -       | -      |  |
| 3          | 2            | -    | 1             | -              | -    | -        | 10    | 5     | 5            | 10   | -    | -                                    | -       | -      |  |
| 3          | 3            | -    | -             | -              | -    | -        | 15    | 6     | 9            | 13   | 2    | -                                    | -       | -      |  |
| 1,480      | 636          | 553  | 139           | 151            | 1    | 2,890    | 1,458 | 1,432 | 2,093        | 767  | 30   | 2,888                                | 97,373  | 33.72  |  |
| 12         | 7            | -    | 1             | 4              | -    | 51       | 31    | 20    | 41           | 10   | -    | -                                    | -       | -      |  |
| 2          | 2            | -    | -             | -              | -    | 12       | 5     | 7     | 12           | -    | -    | -                                    | -       | -      |  |
| 7          | 5            | -    | 2             | -              | -    | 24       | 13    | 11    | 23           | 1    | -    | -                                    | -       | -      |  |
| 9          | 7            | -    | -             | 2              | -    | 26       | 13    | 13    | 23           | 2    | 1    | -                                    | -       | -      |  |
| 258        | 47           | 174  | 21            | 16             | -    | 363      | 186   | 177   | 251          | 112  | -    | -                                    | -       | -      |  |
| 7          | 2            | 5    | -             | -              | -    | 23       | 17    | 6     | 20           | 3    | -    | -                                    | -       | -      |  |
| 2          | 2            | -    | -             | -              | -    | 16       | 7     | 9     | 15           | 1    | -    | -                                    | -       | -      |  |
| 3          | 2            | -    | -             | 1              | -    | 10       | 4     | 6     | 8            | 2    | -    | -                                    | -       | -      |  |
| 2          | 1            | -    | -             | 1              | -    | 3        | 1     | 2     | 2            | 1    | -    | -                                    | -       | -      |  |
| 368        | 82           | 183  | 49            | 54             | -    | 727      | 376   | 351   | 479          | 245  | 3    | -                                    | -       | -      |  |
| 5          | 4            | -    | -             | 1              | -    | 18       | 10    | 8     | 16           | 2    | -    | -                                    | -       | -      |  |
| 25         | 8            | 14   | 1             | 2              | -    | 54       | 27    | 27    | 39           | 15   | -    | -                                    | -       | -      |  |
| 21         | 14           | 3    | 2             | 2              | -    | 72       | 36    | 36    | 48           | 21   | 3    | -                                    | -       | -      |  |
| 2          | 1            | -    | 1             | -              | -    | 8        | 7     | 1     | 8            | -    | -    | -                                    | -       | -      |  |
| 78         | 29           | 41   | 4             | 4              | -    | 126      | 61    | 65    | 91           | 35   | -    | -                                    | -       | -      |  |
| 2          | 1            | -    | -             | 1              | -    | 16       | 9     | 7     | 13           | 2    | 1    | -                                    | -       | -      |  |
| 8          | 6            | -    | 2             | -              | -    | 23       | 14    | 9     | 17           | 6    | -    | -                                    | -       | -      |  |
| 507        | 304          | 112  | 45            | 46             | -    | 967      | 458   | 509   | 713          | 241  | 13   | -                                    | -       | -      |  |
| 3          | 3            | -    | -             | -              | -    | 3        | 1     | 2     | 2            | 1    | -    | -                                    | -       | -      |  |
| 5          | 2            | -    | 1             | 2              | -    | 10       | 3     | 7     | 8            | 1    | 1    | -                                    | -       | -      |  |
| 60         | 43           | 7    | 6             | 3              | 1    | 125      | 59    | 66    | 99           | 23   | 3    | -                                    | -       | -      |  |
| 81         | 55           | 13   | 5             | 8              | -    | 194      | 108   | 86    | 152          | 38   | 4    | -                                    | -       | -      |  |
| 13         | 9            | 1    | 1             | 2              | -    | 19       | 12    | 7     | 13           | 5    | 1    | -                                    | -       | -      |  |
| 462        | 259          | 121  | 40            | 42             | -    | 900      | 455   | 445   | 705          | 183  | 12   | 900                                  | 42,352  | 47.06  |  |
| 35         | 24           | 6    | 3             | 2              | -    | 72       | 35    | 37    | 63           | 8    | 1    | -                                    | -       | -      |  |
| 13         | 12           | -    | 1             | -              | -    | 38       | 21    | 17    | 34           | 3    | 1    | -                                    | -       | -      |  |
| 9          | 9            | -    | -             | -              | -    | 13       | 9     | 4     | 13           | -    | -    | -                                    | -       | -      |  |
| 1          | 1            | -    | -             | -              | -    | 7        | 5     | 2     | 7            | -    | -    | -                                    | -       | -      |  |
| 50         | 20           | 18   | 7             | 5              | -    | 76       | 29    | 47    | 53           | 22   | 1    | -                                    | -       | -      |  |
| 11         | 10           | 1    | -             | -              | -    | 21       | 14    | 7     | 17           | 3    | 1    | -                                    | -       | -      |  |
| 2          | 2            | -    | -             | -              | -    | 6        | 5     | 1     | 6            | -    | -    | -                                    | -       | -      |  |
| 5          | 4            | 1    | -             | -              | -    | 7        | 3     | 4     | 7            | -    | -    | -                                    | -       | -      |  |
| 1          | -            | -    | 1             | -              | -    | 12       | 7     | 5     | 10           | 2    | -    | -                                    | -       | -      |  |
| 15         | 13           | 2    | -             | -              | -    | 28       | 12    | 16    | 23           | 3    | 2    | -                                    | -       | -      |  |
| 14         | 7            | 6    | -             | 1              | -    | 21       | 13    | 8     | 17           | 4    | -    | -                                    | -       | -      |  |
| 14         | 12           | -    | 2             | -              | -    | 19       | 10    | 9     | 12           | 5    | 2    | -                                    | -       | -      |  |
| 4          | 3            | -    | -             | 1              | -    | 12       | 7     | 5     | 7            | 4    | 1    | -                                    | -       | -      |  |
| 150        | 85           | 35   | 13            | 17             | -    | 299      | 154   | 145   | 220          | 77   | 2    | -                                    | -       | -      |  |
| 3          | 3            | -    | -             | -              | -    | 15       | 7     | 8     | 13           | 2    | -    | -                                    | -       | -      |  |
| 4          | 4            | -    | -             | -              | -    | 4        | 3     | 1     | 4            | -    | -    | -                                    | -       | -      |  |
| 1          | 1            | -    | -             | -              | -    | 6        | 4     | 2     | 6            | -    | -    | -                                    | -       | -      |  |

TABLE I. — *Births, Marriages, and Deaths,*

| COUNTIES AND TOWNS.     | Population, State Census, 1895. | BIRTHS.   |       |       |      |              |       |                            |                            |      |
|-------------------------|---------------------------------|-----------|-------|-------|------|--------------|-------|----------------------------|----------------------------|------|
|                         |                                 | Whole No. | SEX.  |       |      | PARENTAGE.   |       |                            |                            |      |
|                         |                                 |           | M.    | F.    | Unk. | Na-<br>tive. | For.  | Na. Fa.<br>and<br>For. Mo. | For. Fa.<br>and<br>Na. Mo. | Unk. |
| <i>Hampshire — Con.</i> |                                 |           |       |       |      |              |       |                            |                            |      |
| South Hadley, . . .     | 4,443                           | 96        | 60    | 36    | -    | 12           | 43    | 11                         | 10                         | -    |
| Southampton, . . .      | 1,054                           | 13        | 7     | 6     | -    | 8            | 4     | 1                          | -                          | -    |
| Ware, . . .             | 7,651                           | 227       | 105   | 122   | -    | 49           | 138   | 19                         | 21                         | -    |
| Westhampton, . . .      | 476                             | 10        | 7     | 3     | -    | 8            | 1     | 1                          | -                          | -    |
| Williamsburg, . . .     | 1,955                           | 36        | 16    | 20    | -    | 16           | 10    | 5                          | 5                          | -    |
| Worthington, . . .      | 648                             | 10        | 5     | 5     | -    | 10           | -     | -                          | -                          | -    |
|                         |                                 |           |       |       |      |              |       |                            |                            |      |
| MIDDLESEX, . . .        | 499,217                         | 13,360    | 6,802 | 6,558 | -    | 4,193        | 6,261 | 1,503                      | 1,288                      | 115  |
| Acton, . . .            | 1,978                           | 35        | 15    | 20    | -    | 15           | 7     | 9                          | 4                          | -    |
| Arlington, . . .        | 6,515                           | 190       | 96    | 94    | -    | 55           | 88    | 22                         | 25                         | -    |
| Ashby, . . .            | 804                             | 11        | 4     | 7     | -    | 9            | 2     | -                          | -                          | -    |
| Ashland, . . .          | 2,090                           | 17        | 11    | 6     | -    | 9            | 5     | 1                          | 2                          | -    |
| Ayer, . . .             | 2,101                           | 46        | 28    | 18    | -    | 26           | 10    | 6                          | 4                          | -    |
| Bedford, . . .          | 1,169                           | 25        | 12    | 13    | -    | 10           | 8     | 5                          | 2                          | -    |
| Belmont, . . .          | 2,843                           | 82        | 38    | 44    | -    | 28           | 35    | 12                         | 7                          | -    |
| Billerica, . . .        | 2,577                           | 49        | 23    | 26    | -    | 17           | 18    | 7                          | 7                          | -    |
| Boxborough, . . .       | 307                             | 7         | 4     | 3     | -    | 3            | 1     | 2                          | 1                          | -    |
| Burlington, . . .       | 574                             | 16        | 5     | 11    | -    | 4            | 5     | 3                          | 4                          | -    |
| Cambridge, . . .        | 81,643                          | 2,508     | 1,255 | 1,253 | -    | 685          | 1,293 | 275                        | 249                        | 6    |
| Carlisle, . . .         | 492                             | 10        | 3     | 7     | -    | 5            | 4     | 1                          | -                          | -    |
| Chelmsford, . . .       | 3,162                           | 54        | 29    | 25    | -    | 16           | 24    | 7                          | 7                          | -    |
| Concord, . . .          | 5,175                           | 95        | 53    | 42    | -    | 32           | 43    | 8                          | 7                          | -    |
| Dracut, . . .           | 2,443                           | 57        | 24    | 33    | -    | 20           | 23    | 10                         | 4                          | -    |
| Dunstable, . . .        | 400                             | 7         | 3     | 4     | -    | 5            | 1     | 1                          | -                          | -    |
| Everett, . . .          | 18,573                          | 654       | 320   | 334   | -    | 244          | 258   | 68                         | 84                         | -    |
| Framingham, . . .       | 9,512                           | 202       | 111   | 91    | -    | 84           | 64    | 28                         | 26                         | -    |
| Groton, . . .           | 2,192                           | 43        | 26    | 17    | -    | 22           | 6     | 8                          | 7                          | -    |
| Holliston, . . .        | 2,718                           | 36        | 16    | 20    | -    | 21           | 5     | 4                          | 5                          | 1    |
| Hopkinton, . . .        | 2,984                           | 32        | 18    | 14    | -    | 24           | 3     | 2                          | 3                          | -    |
| Hudson, . . .           | 5,308                           | 124       | 66    | 58    | -    | 58           | 42    | 11                         | 13                         | -    |
| Lexington, . . .        | 3,498                           | 64        | 31    | 33    | -    | 31           | 20    | 8                          | 5                          | -    |
| Lincoln, . . .          | 1,111                           | 10        | 7     | 3     | -    | 2            | 4     | 3                          | 1                          | -    |
| Littleton, . . .        | 1,138                           | 27        | 14    | 13    | -    | 10           | 9     | 4                          | 4                          | -    |
| Lowell, . . .           | 84,367                          | 2,415     | 1,251 | 1,164 | -    | 897          | 1,565 | 249                        | 203                        | 1    |
| Malden, . . .           | 29,708                          | 768       | 376   | 392   | -    | 246          | 348   | 93                         | 72                         | 9    |
| Marlborough, . . .      | 14,977                          | 306       | 162   | 144   | -    | 133          | 92    | 36                         | 45                         | -    |
| Maynard, . . .          | 3,090                           | 71        | 33    | 38    | -    | 19           | 38    | 5                          | 9                          | -    |
| Medford, . . .          | 14,474                          | 437       | 215   | 222   | -    | 197          | 153   | 45                         | 37                         | 5    |
| Melrose, . . .          | 11,965                          | 280       | 146   | 134   | -    | 124          | 89    | 37                         | 29                         | 1    |
| Natick, . . .           | 8,814                           | 159       | 90    | 69    | -    | 85           | 44    | 18                         | 10                         | 2    |
| Newton, . . .           | 27,590                          | 767       | 400   | 367   | -    | 267          | 362   | 78                         | 69                         | 1    |
| North Reading, . . .    | 835                             | 12        | 7     | 5     | -    | 7            | 3     | -                          | 2                          | -    |
| Pepperell, . . .        | 3,321                           | 77        | 44    | 33    | -    | 30           | 28    | 11                         | 8                          | -    |
| Reading, . . .          | 4,717                           | 92        | 41    | 51    | -    | 42           | 37    | 7                          | 6                          | -    |
| Sherborn, . . .         | 1,446                           | 36        | 19    | 17    | -    | 15           | 16    | 2                          | 3                          | -    |
| Shirley, . . .          | 1,399                           | 41        | 18    | 23    | -    | 16           | 15    | 6                          | 4                          | -    |
| Somerville, . . .       | 52,200                          | 1,595     | 830   | 765   | -    | 510          | 737   | 174                        | 171                        | 3    |
| Stonham, . . .          | 6,284                           | 116       | 64    | 52    | -    | 65           | 29    | 14                         | 8                          | -    |
| Stowe, . . .            | 920                             | 20        | 10    | 10    | -    | 6            | 7     | 3                          | 4                          | -    |
| Sudbury, . . .          | 1,141                           | 16        | 3     | 13    | -    | 10           | 3     | 2                          | 1                          | -    |
| Tewksbury, . . .        | 3,379                           | 59        | 28    | 31    | -    | 14           | 31    | 10                         | 4                          | -    |
| State Almshouse, . . .  | -                               | 78        | 39    | 39    | -    | -            | -     | -                          | -                          | 78   |
| Townsend, . . .         | 1,780                           | 27        | 11    | 16    | -    | 20           | 1     | 4                          | 2                          | -    |
| Tyngsborough, . . .     | 635                             | 11        | 5     | 6     | -    | 9            | 1     | -                          | 1                          | -    |
| Wakefield, . . .        | 8,304                           | 217       | 114   | 103   | -    | 77           | 87    | 30                         | 16                         | 7    |
| Waltham, . . .          | 20,876                          | 474       | 239   | 235   | -    | 148          | 224   | 63                         | 38                         | 1    |
| Watertown, . . .        | 7,788                           | 215       | 100   | 115   | -    | 73           | 102   | 29                         | 11                         | -    |
| Wayland, . . .          | 2,026                           | 30        | 17    | 13    | -    | 11           | 8     | 6                          | 5                          | -    |
| Westford, . . .         | 2,418                           | 53        | 21    | 32    | -    | 16           | 24    | 9                          | 4                          | -    |
| Weston, . . .           | 1,710                           | 33        | 21    | 12    | -    | 13           | 8     | 4                          | 8                          | -    |
| Wilmington, . . .       | 1,420                           | 53        | 25    | 28    | -    | 23           | 18    | 3                          | 9                          | -    |
| Winchester, . . .       | 6,150                           | 138       | 64    | 74    | -    | 53           | 55    | 18                         | 12                         | -    |
| Woburn, . . .           | 14,178                          | 363       | 197   | 166   | -    | 132          | 153   | 42                         | 36                         | -    |
|                         |                                 |           |       |       |      |              |       |                            |                            |      |
| NANTUCKET, . . .        | 3,016                           | 38        | 18    | 20    | -    | 27           | 3     | 6                          | 2                          | -    |

*Registered during the Year 1899 — Continued.*

| MARRIAGES. |              |       |               |                |      | DEATHS.  |       |       |              |       |      |                                      |         |        |  |  |
|------------|--------------|-------|---------------|----------------|------|----------|-------|-------|--------------|-------|------|--------------------------------------|---------|--------|--|--|
| Couples.   | NATIVITY.    |       |               |                |      | Persons. | SEX.  |       | NATIVITY.    |       |      | No. whose<br>Ages are<br>registered. | AGE.    |        |  |  |
|            | Na-<br>tive. | For.  | Na.<br>Groom. | For.<br>Groom. | Unk. |          | M.    | F.    | Na-<br>tive. | For.  | Unk. |                                      | Agg'te. | Av'ge. |  |  |
| 28         | 9            | 12    | 3             | 4              | -    | 49       | 26    | 23    | 38           | 10    | 1    | -                                    | -       | -      |  |  |
| 2          | 2            | -     | -             | -              | -    | 26       | 11    | 15    | 22           | 4     | -    | -                                    | -       | -      |  |  |
| 80         | 19           | 40    | 10            | 11             | -    | 109      | 53    | 56    | 82           | 27    | -    | -                                    | -       | -      |  |  |
| 4          | 4            | -     | -             | -              | -    | 10       | 7     | 3     | 10           | -     | -    | -                                    | -       | -      |  |  |
| 11         | 10           | -     | -             | 1              | -    | 36       | 14    | 22    | 28           | 8     | -    | -                                    | -       | -      |  |  |
| 5          | 5            | -     | -             | -              | -    | 14       | 6     | 8     | 13           | 1     | -    | -                                    | -       | -      |  |  |
| 4,247      | 1,773        | 1,385 | 612           | 477            | -    | 8,954    | 4,528 | 4,426 | 6,326        | 2,520 | 108  | 8,950                                | 329,673 | 36.83  |  |  |
| 8          | 7            | 1     | -             | -              | -    | 28       | 15    | 13    | 24           | 3     | 1    | -                                    | -       | -      |  |  |
| 64         | 28           | 22    | 3             | 11             | -    | 98       | 54    | 44    | 71           | 26    | 1    | -                                    | -       | -      |  |  |
| 10         | 8            | -     | 2             | -              | -    | 16       | 10    | 6     | 14           | 2     | -    | -                                    | -       | -      |  |  |
| 10         | 10           | -     | -             | -              | -    | 27       | 16    | 11    | 19           | 8     | -    | -                                    | -       | -      |  |  |
| 32         | 18           | 9     | 4             | 1              | -    | 47       | 27    | 20    | 35           | 12    | -    | -                                    | -       | -      |  |  |
| 7          | 3            | 2     | 2             | -              | -    | 29       | 13    | 16    | 20           | 9     | -    | -                                    | -       | -      |  |  |
| 10         | 6            | 3     | 1             | -              | -    | 43       | 24    | 19    | 32           | 11    | -    | -                                    | -       | -      |  |  |
| 17         | 7            | 4     | 3             | 3              | -    | 37       | 22    | 15    | 25           | 11    | 1    | -                                    | -       | -      |  |  |
| 3          | 1            | 1     | -             | 1              | -    | 4        | 1     | 3     | 2            | 2     | -    | -                                    | -       | -      |  |  |
| 3          | 1            | -     | -             | 2              | -    | 20       | 9     | 11    | 18           | 1     | 1    | -                                    | -       | -      |  |  |
| 705        | 250          | 274   | 103           | 78             | -    | 1,525    | 750   | 775   | 1,063        | 452   | 10   | -                                    | -       | -      |  |  |
| 3          | 2            | -     | -             | 1              | -    | 9        | 5     | 4     | 9            | -     | -    | -                                    | -       | -      |  |  |
| 31         | 15           | 3     | 9             | 4              | -    | 70       | 36    | 34    | 48           | 20    | 2    | -                                    | -       | -      |  |  |
| 20         | 7            | 5     | 4             | 4              | -    | 60       | 33    | 27    | 51           | 9     | -    | -                                    | -       | -      |  |  |
| 9          | 4            | 2     | 2             | 1              | -    | 38       | 17    | 21    | 25           | 12    | 1    | -                                    | -       | -      |  |  |
| 1          | -            | 1     | -             | -              | -    | 6        | 4     | 2     | 5            | 1     | -    | -                                    | -       | -      |  |  |
| 183        | 99           | 46    | 18            | 20             | -    | 354      | 164   | 190   | 281          | 73    | -    | -                                    | -       | -      |  |  |
| 80         | 50           | 11    | 12            | 7              | -    | 159      | 74    | 85    | 119          | 39    | 1    | -                                    | -       | -      |  |  |
| 8          | 3            | -     | 3             | 2              | -    | 29       | 12    | 17    | 27           | 2     | -    | -                                    | -       | -      |  |  |
| 15         | 7            | 4     | 2             | 2              | -    | 42       | 18    | 24    | 30           | 10    | 2    | -                                    | -       | -      |  |  |
| 15         | 11           | -     | -             | 4              | -    | 49       | 30    | 19    | 32           | 16    | 1    | -                                    | -       | -      |  |  |
| 32         | 18           | 8     | 2             | 4              | -    | 70       | 37    | 33    | 56           | 14    | -    | -                                    | -       | -      |  |  |
| 17         | 5            | 4     | 5             | 3              | -    | 48       | 22    | 26    | 38           | 10    | -    | -                                    | -       | -      |  |  |
| 9          | 6            | 1     | 2             | -              | -    | 17       | 10    | 7     | 10           | 5     | 2    | -                                    | -       | -      |  |  |
| 13         | 7            | 3     | 2             | 1              | -    | 16       | 6     | 10    | 14           | 2     | -    | -                                    | -       | -      |  |  |
| 952        | 268          | 455   | 125           | 104            | -    | 1,851    | 917   | 934   | 1,216        | 599   | 36   | -                                    | -       | -      |  |  |
| 266        | 111          | 72    | 40            | 43             | -    | 473      | 236   | 237   | 350          | 117   | 6    | -                                    | -       | -      |  |  |
| 102        | 48           | 23    | 20            | 11             | -    | 221      | 119   | 102   | 167          | 54    | -    | -                                    | -       | -      |  |  |
| 33         | 12           | 14    | 4             | 3              | -    | 49       | 26    | 23    | 27           | 20    | 2    | -                                    | -       | -      |  |  |
| 99         | 59           | 17    | 10            | 13             | -    | 218      | 115   | 103   | 169          | 48    | 1    | -                                    | -       | -      |  |  |
| 73         | 35           | 15    | 15            | 8              | -    | 175      | 89    | 86    | 138          | 36    | 1    | -                                    | -       | -      |  |  |
| 60         | 34           | 12    | 6             | 8              | -    | 128      | 70    | 58    | 96           | 31    | 1    | -                                    | -       | -      |  |  |
| 271        | 109          | 103   | 43            | 16             | -    | 443      | 231   | 212   | 333          | 103   | 7    | -                                    | -       | -      |  |  |
| 8          | 4            | 1     | 3             | -              | -    | 12       | 8     | 4     | 10           | 2     | -    | -                                    | -       | -      |  |  |
| 27         | 15           | 7     | 3             | 2              | -    | 55       | 30    | 25    | 39           | 16    | -    | -                                    | -       | -      |  |  |
| 29         | 19           | 4     | 5             | 1              | -    | 75       | 32    | 43    | 65           | 10    | -    | -                                    | -       | -      |  |  |
| 10         | 5            | 2     | 2             | 1              | -    | 24       | 16    | 8     | 22           | 2     | -    | -                                    | -       | -      |  |  |
| 10         | 6            | 3     | 1             | -              | -    | 26       | 18    | 8     | 20           | 6     | -    | -                                    | -       | -      |  |  |
| 424        | 200          | 114   | 59            | 51             | -    | 801      | 392   | 409   | 572          | 220   | 9    | -                                    | -       | -      |  |  |
| 52         | 31           | 7     | 6             | 8              | -    | 109      | 54    | 55    | 88           | 21    | -    | -                                    | -       | -      |  |  |
| 4          | 4            | -     | -             | -              | -    | 13       | 7     | 6     | 12           | 1     | -    | -                                    | -       | -      |  |  |
| 1          | 1            | -     | -             | -              | -    | 11       | 2     | 9     | 9            | 2     | -    | -                                    | -       | -      |  |  |
| 13         | 4            | 5     | 2             | 2              | -    | 32       | 10    | 22    | 25           | 6     | 1    | -                                    | -       | -      |  |  |
| 12         | 11           | -     | 1             | -              | -    | 334      | 252   | 82    | 125          | 196   | 13   | -                                    | -       | -      |  |  |
| 5          | 3            | -     | 1             | 1              | -    | 36       | 18    | 18    | 33           | 3     | -    | -                                    | -       | -      |  |  |
| 59         | 29           | 13    | 12            | 5              | -    | 14       | 6     | 8     | 11           | 3     | -    | -                                    | -       | -      |  |  |
| 166        | 61           | 55    | 29            | 21             | -    | 127      | 58    | 69    | 91           | 32    | 4    | -                                    | -       | -      |  |  |
| 84         | 41           | 22    | 14            | 7              | -    | 324      | 142   | 182   | 245          | 79    | -    | -                                    | -       | -      |  |  |
| 15         | 7            | 1     | 3             | 4              | -    | 117      | 60    | 57    | 79           | 37    | 1    | -                                    | -       | -      |  |  |
| 9          | 5            | 1     | 2             | 1              | -    | 25       | 11    | 14    | 17           | 8     | -    | -                                    | -       | -      |  |  |
| 11         | 6            | 1     | 4             | -              | -    | 42       | 20    | 22    | 24           | 17    | 1    | -                                    | -       | -      |  |  |
| 10         | 8            | 1     | -             | 1              | -    | 25       | 14    | 11    | 21           | 4     | -    | -                                    | -       | -      |  |  |
| 45         | 20           | 10    | 8             | 7              | -    | 26       | 11    | 15    | 23           | 3     | -    | -                                    | -       | -      |  |  |
| 92         | 44           | 23    | 15            | 10             | -    | 91       | 36    | 55    | 64           | 26    | 1    | -                                    | -       | -      |  |  |
|            |              |       |               |                |      | 236      | 119   | 117   | 167          | 68    | 1    | -                                    | -       | -      |  |  |
| 13         | 8            | -     | 3             | 2              | -    | 69       | 29    | 40    | 61           | 8     | -    | 69                                   | 4,248   | 61.57  |  |  |

TABLE I. — *Births, Marriages, and Deaths,*

| COUNTIES AND TOWNS.       | Population, State Census, 1895. | BIRTHS.   |       |       |      |            |       |                      |                      |      |
|---------------------------|---------------------------------|-----------|-------|-------|------|------------|-------|----------------------|----------------------|------|
|                           |                                 | Whole No. | SEX.  |       |      | PARENTAGE. |       |                      |                      |      |
|                           |                                 |           | M.    | F.    | Unk. | Na- tive.  | For.  | Na. Fa. and For. Mo. | For. Fa. and Na. Mo. | Unk. |
| NORFOLK, . . . . .        | 134,819                         | 3,295     | 1,706 | 1,589 | -    | 1,251      | 1,346 | 371                  | 318                  | 9    |
| Avon, . . . . .           | 1,626                           | 21        | 9     | 12    | -    | 14         | 4     | 1                    | 2                    | -    |
| Bellingham, . . . . .     | 1,481                           | 25        | 11    | 14    | -    | 14         | 3     | 5                    | 3                    | -    |
| Braintree, . . . . .      | 5,311                           | 127       | 67    | 60    | -    | 56         | 41    | 12                   | 17                   | 1    |
| Brookline, . . . . .      | 16,164                          | 449       | 228   | 221   | -    | 163        | 199   | 49                   | 38                   | -    |
| Canton, . . . . .         | 4,636                           | 96        | 60    | 36    | -    | 36         | 36    | 9                    | 15                   | -    |
| Cohasset, . . . . .       | 2,474                           | 56        | 31    | 25    | -    | 31         | 9     | 12                   | 4                    | -    |
| Dedham, . . . . .         | 7,211                           | 167       | 88    | 79    | -    | 64         | 66    | 20                   | 17                   | -    |
| Dover, . . . . .          | 668                             | 12        | 5     | 7     | -    | 7          | 1     | 2                    | 2                    | -    |
| Foxborough, . . . . .     | 3,219                           | 61        | 27    | 34    | -    | 36         | 10    | 12                   | 3                    | -    |
| Franklin, . . . . .       | 5,136                           | 122       | 67    | 55    | -    | 57         | 35    | 15                   | 14                   | 1    |
| Holbrook, . . . . .       | 2,298                           | 31        | 20    | 11    | -    | 20         | 4     | 5                    | 2                    | -    |
| Hyde Park, . . . . .      | 11,826                          | 342       | 181   | 161   | -    | 108        | 155   | 42                   | 37                   | -    |
| Medfield, . . . . .       | 1,872                           | 30        | 13    | 17    | -    | 16         | 5     | 4                    | 5                    | -    |
| Medway, . . . . .         | 2,913                           | 51        | 23    | 28    | -    | 36         | 10    | 4                    | 1                    | -    |
| Millis, . . . . .         | 1,006                           | 24        | 5     | 19    | -    | 14         | 3     | 3                    | 4                    | -    |
| Milton, . . . . .         | 5,518                           | 99        | 51    | 48    | -    | 38         | 29    | 18                   | 14                   | -    |
| Needham, . . . . .        | 3,511                           | 107       | 52    | 55    | -    | 30         | 50    | 15                   | 11                   | 1    |
| Norfolk, . . . . .        | 882                             | 17        | 7     | 10    | -    | 9          | 4     | 2                    | 2                    | -    |
| Norwood, . . . . .        | 4,574                           | 157       | 79    | 78    | -    | 47         | 80    | 15                   | 15                   | -    |
| Quincy, . . . . .         | 20,712                          | 707       | 372   | 335   | -    | 183        | 401   | 57                   | 61                   | 5    |
| Randolph, . . . . .       | 3,694                           | 66        | 33    | 33    | -    | 36         | 17    | 5                    | 8                    | -    |
| Sharon, . . . . .         | 1,717                           | 27        | 17    | 10    | -    | 7          | 14    | 4                    | 2                    | -    |
| Stoughton, . . . . .      | 5,272                           | 111       | 54    | 57    | -    | 53         | 34    | 16                   | 8                    | -    |
| Walpole, . . . . .        | 2,994                           | 69        | 38    | 31    | -    | 31         | 26    | 6                    | 6                    | -    |
| Wellesley, . . . . .      | 4,229                           | 64        | 39    | 25    | -    | 16         | 39    | 3                    | 5                    | 1    |
| Westwood, . . . . .       | -                               | 12        | 9     | 3     | -    | 1          | 5     | 5                    | 1                    | -    |
| Weymouth, . . . . .       | 11,291                          | 221       | 107   | 114   | -    | 113        | 61    | 23                   | 19                   | -    |
| Wrentham, . . . . .       | 2,584                           | 24        | 13    | 11    | -    | 15         | 5     | 2                    | 2                    | -    |
| PLYMOUTH, . . . . .       | 101,498                         | 2,194     | 1,131 | 1,063 | -    | 1,120      | 651   | 224                  | 194                  | 5    |
| Abington, . . . . .       | 4,207                           | 83        | 45    | 38    | -    | 57         | 11    | 10                   | 5                    | -    |
| Bridgewater, . . . . .    | 4,686                           | 79        | 40    | 39    | -    | 39         | 27    | 7                    | 6                    | -    |
| Brockton, . . . . .       | 33,165                          | 915       | 468   | 447   | -    | 382        | 350   | 91                   | 91                   | 1    |
| Carver, . . . . .         | 1,016                           | 23        | 10    | 13    | -    | 14         | 4     | 3                    | 2                    | -    |
| Duxbury, . . . . .        | 1,966                           | 28        | 15    | 13    | -    | 17         | 6     | 3                    | 2                    | -    |
| E. Bridgewater, . . . . . | 2,894                           | 49        | 27    | 22    | -    | 27         | 14    | 4                    | 4                    | -    |
| Halifax, . . . . .        | 497                             | 15        | 6     | 9     | -    | 7          | 7     | 1                    | -                    | -    |
| Hanover, . . . . .        | 2,051                           | 30        | 19    | 11    | -    | 19         | 1     | 5                    | 5                    | -    |
| Hanson, . . . . .         | 1,380                           | 21        | 11    | 10    | -    | 17         | 1     | 1                    | 2                    | -    |
| Hingham, . . . . .        | 4,819                           | 87        | 48    | 39    | -    | 46         | 19    | 15                   | 6                    | 1    |
| Hull, . . . . .           | 1,044                           | 26        | 10    | 16    | -    | 11         | 7     | 5                    | 3                    | -    |
| Kingston, . . . . .       | 1,746                           | 26        | 13    | 13    | -    | 11         | 13    | 1                    | 1                    | -    |
| Lakeville, . . . . .      | 870                             | 15        | 5     | 10    | -    | 9          | 3     | -                    | 3                    | -    |
| Marion, . . . . .         | 759                             | 14        | 8     | 6     | -    | 10         | -     | 2                    | -                    | 2    |
| Marshfield, . . . . .     | 1,760                           | 33        | 15    | 18    | -    | 22         | 4     | 7                    | -                    | -    |
| Mattapoisett, . . . . .   | 1,032                           | 13        | 7     | 6     | -    | 7          | 5     | 1                    | -                    | -    |
| Middleborough, . . . . .  | 6,689                           | 108       | 61    | 47    | -    | 75         | 17    | 10                   | 6                    | -    |
| Norwell, . . . . .        | 1,540                           | 25        | 14    | 11    | -    | 20         | -     | 5                    | -                    | -    |
| Pembroke, . . . . .       | 1,223                           | 14        | 11    | 3     | -    | 9          | 3     | 1                    | 1                    | -    |
| Plymouth, . . . . .       | 7,957                           | 203       | 104   | 99    | -    | 80         | 84    | 18                   | 21                   | -    |
| Plympton, . . . . .       | 549                             | 7         | 5     | 2     | -    | 5          | 2     | -                    | -                    | -    |
| Rochester, . . . . .      | 1,021                           | 23        | 10    | 13    | -    | 11         | 6     | 1                    | 4                    | 1    |
| Rockland, . . . . .       | 5,523                           | 92        | 47    | 45    | -    | 60         | 17    | 4                    | 11                   | -    |
| Scituate, . . . . .       | 2,246                           | 45        | 22    | 23    | -    | 29         | 4     | 7                    | 5                    | -    |
| Wareham, . . . . .        | 3,367                           | 66        | 35    | 31    | -    | 46         | 14    | 4                    | 2                    | -    |
| W. Bridgewater, . . . . . | 1,747                           | 24        | 14    | 10    | -    | 12         | 6     | 5                    | 1                    | -    |
| Whitman, . . . . .        | 5,744                           | 130       | 61    | 69    | -    | 78         | 26    | 13                   | 13                   | -    |
| SUFFOLK, . . . . .        | 539,799                         | 17,294    | 8,863 | 8,431 | -    | 4,563      | 9,624 | 1,635                | 1,422                | 45   |
| Boston, . . . . .         | 496,920                         | 16,151    | 8,267 | 7,884 | -    | 4,267      | 9,031 | 1,517                | 1,296                | 40   |
| Chelsea, . . . . .        | 31,264                          | 855       | 452   | 403   | -    | 197        | 485   | 85                   | 84                   | 4    |
| Revere, . . . . .         | 7,423                           | 219       | 112   | 107   | -    | 77         | 89    | 24                   | 29                   | -    |
| Winthrop, . . . . .       | 4,192                           | 69        | 32    | 37    | -    | 27         | 19    | 9                    | 13                   | 1    |

*Registered during the Year 1899 — Continued.*

| MARRIAGES. |              |       |               |                |      | DEATHS.  |       |       |              |       |      |                                     |         |        |  |
|------------|--------------|-------|---------------|----------------|------|----------|-------|-------|--------------|-------|------|-------------------------------------|---------|--------|--|
| Couples.   | NATIVITY.    |       |               |                |      | Persons. | SEX.  |       | NATIVITY.    |       |      | No. whose<br>Ages are<br>registered | AGE.    |        |  |
|            | Na-<br>tive. | For.  | Na.<br>Groom. | For.<br>Groom. | Unk. |          | M.    | F.    | Na-<br>tive. | For.  | Unk. |                                     | Agg'te. | Av'ge. |  |
| 982        | 512          | 248   | 124           | 97             | 1    | 2,177    | 1,144 | 1,033 | 1,638        | 514   | 25   | 2,171                               | 90,460  | 41.67  |  |
| 9          | 6            | -     | 2             | 1              | -    | 30       | 14    | 16    | 23           | 7     | -    | -                                   | -       | -      |  |
| 8          | 5            | -     | 1             | 2              | -    | 15       | 8     | 7     | 15           | -     | -    | -                                   | -       | -      |  |
| 29         | 17           | 5     | 3             | 4              | -    | 94       | 46    | 48    | 80           | 14    | -    | -                                   | -       | -      |  |
| 171        | 62           | 79    | 21            | 9              | -    | 195      | 98    | 97    | 156          | 38    | 1    | -                                   | -       | -      |  |
| 40         | 21           | 6     | 9             | 4              | -    | 78       | 40    | 36    | 49           | 24    | 3    | -                                   | -       | -      |  |
| 24         | 13           | 3     | 5             | 3              | -    | 38       | 22    | 16    | 28           | 10    | -    | -                                   | -       | -      |  |
| 48         | 23           | 15    | 7             | 3              | -    | 114      | 57    | 57    | 74           | 40    | -    | -                                   | -       | -      |  |
| 2          | 1            | 1     | -             | -              | -    | 10       | 5     | 5     | 7            | 3     | -    | -                                   | -       | -      |  |
| 26         | 17           | 1     | 3             | 5              | -    | 72       | 36    | 36    | 51           | 20    | 1    | -                                   | -       | -      |  |
| 33         | 22           | 4     | 3             | 4              | -    | 69       | 44    | 25    | 55           | 13    | 1    | -                                   | -       | -      |  |
| 10         | 8            | 1     | -             | 1              | -    | 37       | 24    | 13    | 32           | 4     | 1    | -                                   | -       | -      |  |
| 96         | 53           | 21    | 12            | 10             | -    | 201      | 108   | 93    | 140          | 59    | 2    | -                                   | -       | -      |  |
| 14         | 8            | 4     | 2             | -              | -    | 86       | 33    | 53    | 61           | 23    | 2    | -                                   | -       | -      |  |
| 27         | 17           | 3     | 1             | 6              | -    | 47       | 25    | 22    | 37           | 9     | 1    | -                                   | -       | -      |  |
| 6          | 4            | -     | 1             | 1              | -    | 12       | 7     | 5     | 9            | 3     | -    | -                                   | -       | -      |  |
| 25         | 14           | 3     | 6             | 2              | -    | 71       | 41    | 30    | 60           | 11    | -    | -                                   | -       | -      |  |
| 27         | 11           | 5     | 8             | 3              | -    | 49       | 29    | 20    | 34           | 15    | -    | -                                   | -       | -      |  |
| 2          | 2            | -     | -             | -              | -    | 17       | 13    | 4     | 10           | 5     | 2    | -                                   | -       | -      |  |
| 31         | 12           | 15    | 1             | 3              | -    | 89       | 37    | 52    | 61           | 26    | 2    | -                                   | -       | -      |  |
| 154        | 61           | 54    | 19            | 19             | 1    | 357      | 194   | 163   | 264          | 89    | 4    | -                                   | -       | -      |  |
| 24         | 21           | 1     | 2             | -              | -    | 70       | 34    | 36    | 52           | 17    | 1    | -                                   | -       | -      |  |
| 18         | 11           | 4     | 1             | 2              | -    | 46       | 32    | 14    | 37           | 9     | -    | -                                   | -       | -      |  |
| 31         | 19           | 7     | 3             | 2              | -    | 78       | 36    | 42    | 61           | 15    | 2    | -                                   | -       | -      |  |
| 13         | 5            | 6     | 1             | 1              | -    | 28       | 14    | 14    | 21           | 7     | -    | -                                   | -       | -      |  |
| 27         | 14           | 1     | 6             | 6              | -    | 51       | 28    | 23    | 40           | 10    | 1    | -                                   | -       | -      |  |
| -          | -            | -     | -             | -              | -    | 14       | 9     | 5     | 12           | 2     | -    | -                                   | -       | -      |  |
| 68         | 51           | 8     | 4             | 5              | -    | 185      | 98    | 87    | 147          | 38    | -    | -                                   | -       | -      |  |
| 19         | 14           | 1     | 3             | 1              | -    | 26       | 12    | 14    | 22           | 3     | 1    | -                                   | -       | -      |  |
|            |              |       |               |                |      |          |       |       |              |       |      |                                     |         |        |  |
| 797        | 493          | 135   | 96            | 73             | -    | 1,708    | 934   | 774   | 1,385        | 307   | 16   | 1,706                               | 65,605  | 38.46  |  |
| 24         | 21           | 1     | 2             | -              | -    | 59       | 31    | 28    | 42           | 17    | -    | -                                   | -       | -      |  |
| 36         | 18           | 7     | 6             | 5              | -    | 129      | 102   | 27    | 70           | 57    | 2    | -                                   | -       | -      |  |
| 309        | 168          | 73    | 40            | 28             | -    | 462      | 250   | 212   | 366          | 96    | -    | -                                   | -       | -      |  |
| 4          | 4            | -     | -             | -              | -    | 10       | 5     | 5     | 10           | -     | -    | -                                   | -       | -      |  |
| 9          | 8            | -     | 1             | -              | -    | 38       | 21    | 17    | 36           | 1     | 1    | -                                   | -       | -      |  |
| 20         | 18           | 1     | -             | 1              | -    | 60       | 35    | 25    | 57           | 3     | -    | -                                   | -       | -      |  |
| -          | -            | -     | -             | -              | -    | 12       | 8     | 4     | 11           | 1     | -    | -                                   | -       | -      |  |
| 25         | 22           | 2     | 1             | -              | -    | 44       | 22    | 22    | 43           | 1     | -    | -                                   | -       | -      |  |
| 8          | 4            | -     | 2             | 2              | -    | 21       | 7     | 14    | 20           | 1     | -    | -                                   | -       | -      |  |
| 38         | 20           | 9     | 5             | 4              | -    | 74       | 39    | 35    | 62           | 12    | -    | -                                   | -       | -      |  |
| 8          | 2            | 2     | 3             | 1              | -    | 24       | 13    | 11    | 22           | 1     | 1    | -                                   | -       | -      |  |
| 21         | 14           | 5     | -             | 2              | -    | 37       | 17    | 20    | 31           | 5     | 1    | -                                   | -       | -      |  |
| 3          | 3            | -     | -             | -              | -    | 22       | 14    | 8     | 20           | 1     | 1    | -                                   | -       | -      |  |
| 9          | 8            | -     | -             | 1              | -    | 17       | 7     | 10    | 16           | 1     | -    | -                                   | -       | -      |  |
| 10         | 6            | -     | 3             | 1              | -    | 31       | 18    | 13    | 31           | -     | -    | -                                   | -       | -      |  |
| 6          | 5            | -     | -             | 1              | -    | 19       | 10    | 9     | 18           | 1     | -    | -                                   | -       | -      |  |
| 46         | 35           | 2     | 4             | 5              | -    | 102      | 52    | 50    | 82           | 16    | 4    | -                                   | -       | -      |  |
| 7          | 4            | -     | 1             | 2              | -    | 32       | 18    | 14    | 26           | 3     | 3    | -                                   | -       | -      |  |
| 9          | 5            | -     | 1             | 3              | -    | 24       | 11    | 13    | 21           | 3     | -    | -                                   | -       | -      |  |
| 70         | 35           | 20    | 6             | 9              | -    | 163      | 81    | 82    | 129          | 32    | 2    | -                                   | -       | -      |  |
| 1          | 1            | -     | -             | -              | -    | 8        | 5     | 3     | 7            | 1     | -    | -                                   | -       | -      |  |
| 6          | 4            | 1     | -             | 1              | -    | 22       | 12    | 10    | 20           | 2     | -    | -                                   | -       | -      |  |
| 23         | 17           | 2     | 3             | 1              | -    | 65       | 28    | 37    | 52           | 13    | -    | -                                   | -       | -      |  |
| 20         | 12           | 3     | 5             | -              | -    | 41       | 28    | 13    | 33           | 7     | 1    | -                                   | -       | -      |  |
| 27         | 23           | 2     | 1             | 1              | -    | 65       | 30    | 35    | 54           | 11    | -    | -                                   | -       | -      |  |
| 4          | 2            | 1     | -             | 1              | -    | 35       | 21    | 14    | 29           | 6     | -    | -                                   | -       | -      |  |
| 54         | 34           | 4     | 12            | 4              | -    | 92       | 49    | 43    | 77           | 15    | -    | -                                   | -       | -      |  |
|            |              |       |               |                |      |          |       |       |              |       |      |                                     |         |        |  |
| 6,576      | 2,381        | 2,569 | 883           | 743            | -    | 11,946   | 6,160 | 5,786 | 7,892        | 3,938 | 116  | 11,944                              | 394,514 | 33.03  |  |
|            |              |       |               |                |      |          |       |       |              |       |      |                                     |         |        |  |
| 6,187      | 2,227        | 2,426 | 836           | 698            | -    | 11,174   | 5,765 | 5,409 | 7,336        | 3,729 | 109  | -                                   | -       | -      |  |
| 295        | 110          | 117   | 36            | 32             | -    | 601      | 312   | 289   | 433          | 164   | 4    | -                                   | -       | -      |  |
| 71         | 30           | 21    | 8             | 12             | -    | 118      | 58    | 60    | 90           | 27    | 1    | -                                   | -       | -      |  |
| 23         | 14           | 5     | 3             | 1              | -    | 53       | 25    | 28    | 33           | 18    | 2    | -                                   | -       | -      |  |

TABLE I. — *Births, Marriages, and Deaths,*

| COUNTIES AND<br>TOWNS. | Population,<br>State Census,<br>1895. | BIRTHS.   |       |       |      |              |       |                            |                            |      |
|------------------------|---------------------------------------|-----------|-------|-------|------|--------------|-------|----------------------------|----------------------------|------|
|                        |                                       | Whole No. | SEX.  |       |      | PARENTAGE.   |       |                            |                            |      |
|                        |                                       |           | M.    | F.    | Unk. | Na-<br>tive. | For.  | Na. Fa.<br>and<br>For. Mo. | For. Fa.<br>and<br>Na. Mo. | Unk. |
| WORCESTER, .           | 306,445                               | 8,571     | 4,403 | 4,168 | -    | 2,870        | 3,994 | 844                        | 858                        | 5    |
| Ashburnham, .          | 2,148                                 | 27        | 12    | 15    | -    | 12           | 11    | 3                          | 1                          | -    |
| Athol, .               | 7,364                                 | 119       | 70    | 49    | -    | 72           | 22    | 14                         | 11                         | -    |
| Auburn, .              | 1,598                                 | 38        | 22    | 16    | -    | 16           | 12    | 5                          | 5                          | -    |
| Barre, .               | 2,278                                 | 46        | 27    | 19    | -    | 28           | 10    | 5                          | 3                          | -    |
| Berlin, .              | 897                                   | 9         | 5     | 4     | -    | 8            | -     | -                          | 1                          | -    |
| Blackstone, .          | 6,039                                 | 147       | 76    | 71    | -    | 43           | 69    | 22                         | 13                         | -    |
| Bolton, .              | 797                                   | 17        | 13    | 4     | -    | 13           | 1     | 1                          | 2                          | -    |
| Boylston, .            | 729                                   | 21        | 13    | 8     | -    | 9            | 8     | 1                          | 3                          | -    |
| Brookfield, .          | 3,279                                 | 66        | 32    | 34    | -    | 33           | 18    | 2                          | 13                         | -    |
| Charlton, .            | 1,877                                 | 52        | 28    | 24    | -    | 35           | 10    | 4                          | 3                          | -    |
| Clinton, .             | 11,497                                | 417       | 236   | 181   | -    | 88           | 242   | 44                         | 42                         | 1    |
| Dana, .                | 717                                   | 12        | 6     | 6     | -    | 10           | -     | 1                          | 1                          | -    |
| Douglas, .             | 2,026                                 | 62        | 38    | 24    | -    | 18           | 30    | 6                          | 8                          | -    |
| Dudley, .              | 3,203                                 | 89        | 50    | 39    | -    | 19           | 53    | 7                          | 10                         | -    |
| Fitchburg, .           | 26,409                                | 914       | 445   | 469   | -    | 206          | 542   | 91                         | 75                         | -    |
| Gardner, .             | 9,182                                 | 306       | 161   | 145   | -    | 85           | 159   | 29                         | 32                         | 1    |
| Grafton, .             | 5,101                                 | 112       | 61    | 61    | -    | 37           | 46    | 16                         | 13                         | -    |
| Hardwick, .            | 2,655                                 | 78        | 47    | 31    | -    | 20           | 37    | 11                         | 10                         | -    |
| Harvard, .             | 1,162                                 | 26        | 13    | 13    | -    | 20           | 1     | 3                          | 2                          | -    |
| Holden, .              | 2,602                                 | 51        | 31    | 20    | -    | 16           | 18    | 9                          | 8                          | -    |
| Hopedale, .            | 1,377                                 | 18        | 10    | 8     | -    | 9            | 3     | 4                          | 2                          | -    |
| Hubbardston, .         | 1,274                                 | 28        | 16    | 12    | -    | 24           | 3     | 1                          | -                          | -    |
| Lancaster, .           | 2,180                                 | 41        | 23    | 18    | -    | 20           | 14    | 6                          | 1                          | -    |
| Leicester, .           | 3,239                                 | 61        | 30    | 31    | -    | 35           | 11    | 9                          | 6                          | -    |
| Leominster, .          | 9,211                                 | 259       | 141   | 118   | -    | 119          | 82    | 29                         | 29                         | -    |
| Lunenburg, .           | 1,237                                 | 16        | 11    | 5     | -    | 10           | 2     | 3                          | 1                          | -    |
| Mendon, .              | 889                                   | 9         | 5     | 4     | -    | 6            | 1     | 1                          | 1                          | -    |
| Milford, .             | 8,959                                 | 229       | 117   | 112   | -    | 88           | 104   | 16                         | 21                         | -    |
| Millbury, .            | 5,222                                 | 98        | 59    | 39    | -    | 30           | 38    | 12                         | 18                         | -    |
| New Braintree, .       | 542                                   | 13        | 7     | 6     | -    | 6            | 7     | -                          | -                          | -    |
| North Brookfield, .    | 4,635                                 | 103       | 63    | 40    | -    | 54           | 23    | 14                         | 12                         | -    |
| Northborough, .        | 1,940                                 | 47        | 23    | 24    | -    | 20           | 18    | 6                          | 3                          | -    |
| Northbridge, .         | 5,286                                 | 203       | 106   | 97    | -    | 41           | 116   | 23                         | 23                         | -    |
| Oakham, .              | 605                                   | 5         | 2     | 3     | -    | 4            | 1     | -                          | -                          | -    |
| Oxford, .              | 2,390                                 | 59        | 26    | 33    | -    | 30           | 13    | 10                         | 6                          | -    |
| Paxton, .              | 426                                   | 6         | 4     | 2     | -    | 6            | -     | -                          | -                          | -    |
| Petersham, .           | 952                                   | 10        | 7     | 3     | -    | 5            | 2     | 2                          | 1                          | -    |
| Phillipston, .         | 460                                   | 5         | 2     | 3     | -    | 5            | -     | -                          | -                          | -    |
| Princeton, .           | 952                                   | 12        | 9     | 3     | -    | 8            | 3     | -                          | 1                          | -    |
| Royalston, .           | 890                                   | 13        | 11    | 2     | -    | 6            | 2     | 2                          | 3                          | -    |
| Rutland, .             | 978                                   | 19        | 9     | 10    | -    | 10           | 3     | 4                          | 2                          | -    |
| Shrewsbury, .          | 1,524                                 | 26        | 14    | 12    | -    | 22           | 2     | 1                          | 1                          | -    |
| Southborough, .        | 2,223                                 | 35        | 19    | 16    | -    | 16           | 14    | 3                          | 2                          | -    |
| Southbridge, .         | 8,250                                 | 296       | 150   | 146   | -    | 86           | 130   | 27                         | 53                         | -    |
| Spencer, .             | 7,614                                 | 185       | 93    | 92    | -    | 80           | 49    | 25                         | 31                         | -    |
| Sterling, .            | 1,218                                 | 21        | 13    | 8     | -    | 15           | 5     | 1                          | -                          | -    |
| Sturbridge, .          | 1,910                                 | 48        | 21    | 27    | -    | 24           | 10    | 7                          | 7                          | -    |
| Sutton, .              | 3,420                                 | 94        | 44    | 50    | -    | 30           | 36    | 14                         | 14                         | -    |
| Templeton, .           | 2,915                                 | 66        | 37    | 29    | -    | 38           | 13    | 9                          | 6                          | -    |
| Upton, .               | 2,150                                 | 26        | 8     | 18    | -    | 21           | 2     | 1                          | 2                          | -    |
| Uxbridge, .            | 3,546                                 | 91        | 41    | 50    | -    | 35           | 41    | 9                          | 6                          | -    |
| Warren, .              | 4,430                                 | 83        | 46    | 37    | -    | 32           | 35    | 12                         | 4                          | -    |
| Webster, .             | 7,799                                 | 373       | 185   | 188   | -    | 53           | 266   | 23                         | 30                         | 1    |
| West Boylston, .       | 2,968                                 | 52        | 29    | 23    | -    | 15           | 21    | 10                         | 6                          | -    |
| West Brookfield, .     | 1,467                                 | 18        | 6     | 12    | -    | 15           | 2     | -                          | 1                          | -    |
| Westborough, .         | 5,235                                 | 74        | 37    | 37    | -    | 46           | 12    | 9                          | 7                          | -    |
| Westminster, .         | 1,315                                 | 24        | 14    | 10    | -    | 15           | 4     | 2                          | 3                          | -    |
| Winchendon, .          | 4,490                                 | 126       | 58    | 68    | -    | 55           | 44    | 14                         | 13                         | -    |
| Worcester, .           | 98,767                                | 3,070     | 1,531 | 1,539 | -    | 948          | 1,573 | 261                        | 286                        | 2    |

## Registered during the Year 1899 — Concluded.

| MARRIAGES. |              |      |               |                |      | DEATHS.  |       |       |              |       |      |                                      |         |        |  |
|------------|--------------|------|---------------|----------------|------|----------|-------|-------|--------------|-------|------|--------------------------------------|---------|--------|--|
| Couples.   | NATIVITY.    |      |               |                |      | Persons. | SEX.  |       | NATIVITY.    |       |      | No. whose<br>Ages are<br>registered. | AGE.    |        |  |
|            | Na-<br>tive. | For. | Na.<br>Groom. | For.<br>Groom. | Unk. |          | M.    | F.    | Na-<br>tive. | For.  | Unk. |                                      | Agg'te. | Av'ge. |  |
| 2,678      | 1,294        | 791  | 304           | 288            | 1    | 5,550    | 2,840 | 2,710 | 4,121        | 1,391 | 38   | 5,547                                | 212,497 | 38.29  |  |
| 8          | 8            | -    | -             | -              | -    | 51       | 23    | 28    | 47           | 4     | -    | -                                    | -       | -      |  |
| 48         | 35           | 3    | 7             | 3              | -    | 97       | 58    | 39    | 89           | 8     | -    | -                                    | -       | -      |  |
| 7          | 6            | -    | -             | 1              | -    | 23       | 14    | 9     | 17           | 5     | 1    | -                                    | -       | -      |  |
| 8          | 5            | 2    | -             | 1              | -    | 42       | 21    | 21    | 36           | 6     | -    | -                                    | -       | -      |  |
| 6          | 3            | 2    | -             | 1              | -    | 10       | 2     | 8     | 9            | 1     | -    | -                                    | -       | -      |  |
| 53         | 26           | 18   | 4             | 5              | -    | 104      | 59    | 45    | 60           | 42    | 2    | -                                    | -       | -      |  |
| 4          | 3            | -    | 1             | -              | -    | 14       | 6     | 8     | 11           | 2     | 1    | -                                    | -       | -      |  |
| 5          | 1            | 3    | 1             | -              | -    | 13       | 6     | 7     | 10           | 3     | -    | -                                    | -       | -      |  |
| 28         | 22           | 2    | 2             | 2              | -    | 62       | 27    | 35    | 46           | 16    | -    | -                                    | -       | -      |  |
| 7          | 7            | -    | -             | -              | -    | 36       | 17    | 19    | 29           | 5     | 2    | -                                    | -       | -      |  |
| 122        | 34           | 49   | 21            | 18             | -    | 195      | 101   | 94    | 121          | 72    | 2    | -                                    | -       | -      |  |
| 3          | 3            | -    | -             | -              | -    | 10       | 5     | 5     | 10           | -     | -    | -                                    | -       | -      |  |
| 12         | 6            | 5    | -             | 1              | -    | 42       | 25    | 17    | 30           | 12    | -    | -                                    | -       | -      |  |
| 9          | 5            | 4    | -             | -              | -    | 50       | 25    | 25    | 37           | 13    | -    | -                                    | -       | -      |  |
| 288        | 107          | 113  | 36            | 32             | 1    | 413      | 208   | 205   | 310          | 103   | -    | -                                    | -       | -      |  |
| 84         | 29           | 35   | 9             | 11             | -    | 230      | 116   | 114   | 186          | 43    | 1    | -                                    | -       | -      |  |
| 33         | 17           | 4    | 9             | 3              | -    | 73       | 38    | 35    | 56           | 17    | -    | -                                    | -       | -      |  |
| 22         | 6            | 8    | 5             | 3              | -    | 60       | 25    | 35    | 44           | 14    | 2    | -                                    | -       | -      |  |
| 3          | 3            | -    | -             | -              | -    | 17       | 8     | 9     | 13           | 3     | 1    | -                                    | -       | -      |  |
| 12         | 9            | -    | 1             | 2              | -    | 37       | 17    | 20    | 27           | 9     | 1    | -                                    | -       | -      |  |
| 5          | 3            | 1    | 1             | -              | -    | 16       | 5     | 11    | 13           | 3     | -    | -                                    | -       | -      |  |
| 5          | 4            | -    | 1             | -              | -    | 29       | 20    | 9     | 24           | 5     | -    | -                                    | -       | -      |  |
| 11         | 8            | 1    | 1             | 1              | -    | 41       | 21    | 20    | 34           | 7     | -    | -                                    | -       | -      |  |
| 18         | 14           | 1    | 2             | 1              | -    | 51       | 24    | 27    | 35           | 16    | -    | -                                    | -       | -      |  |
| 115        | 75           | 17   | 14            | 9              | -    | 164      | 84    | 80    | 140          | 23    | 1    | -                                    | -       | -      |  |
| 6          | 4            | -    | 2             | -              | -    | 19       | 15    | 4     | 17           | 2     | -    | -                                    | -       | -      |  |
| 3          | 2            | 1    | -             | -              | -    | 16       | 8     | 8     | 16           | -     | -    | -                                    | -       | -      |  |
| 75         | 51           | 17   | 4             | 3              | -    | 198      | 116   | 82    | 142          | 55    | 1    | -                                    | -       | -      |  |
| 31         | 19           | 2    | 9             | 1              | -    | 79       | 37    | 42    | 48           | 30    | 1    | -                                    | -       | -      |  |
| 3          | 2            | -    | 1             | -              | -    | 5        | 3     | 2     | 4            | 1     | -    | -                                    | -       | -      |  |
| 24         | 20           | 2    | 1             | 1              | -    | 87       | 41    | 43    | 75           | 11    | 1    | -                                    | -       | -      |  |
| 16         | 7            | 2    | 4             | 3              | -    | 30       | 20    | 10    | 25           | 5     | -    | -                                    | -       | -      |  |
| 63         | 18           | 29   | 7             | 9              | -    | 107      | 51    | 56    | 80           | 26    | 1    | -                                    | -       | -      |  |
| 2          | 1            | -    | -             | 1              | -    | 11       | 7     | 4     | 9            | 2     | -    | -                                    | -       | -      |  |
| 19         | 14           | 1    | 3             | 1              | -    | 52       | 26    | 26    | 44           | 8     | -    | -                                    | -       | -      |  |
| -          | -            | -    | -             | -              | -    | 8        | 5     | 3     | 8            | -     | -    | -                                    | -       | -      |  |
| 5          | 4            | 1    | -             | -              | -    | 15       | 12    | 3     | 15           | -     | -    | -                                    | -       | -      |  |
| 1          | 1            | -    | -             | -              | -    | 2        | 1     | 1     | 1            | 1     | -    | -                                    | -       | -      |  |
| 6          | 3            | -    | 2             | 1              | -    | 13       | 6     | 7     | 10           | 3     | -    | -                                    | -       | -      |  |
| 7          | 6            | -    | 1             | -              | -    | 21       | 9     | 12    | 15           | -     | 6    | -                                    | -       | -      |  |
| 7          | 6            | -    | 1             | -              | -    | 27       | 11    | 16    | 22           | 5     | -    | -                                    | -       | -      |  |
| 9          | 7            | 1    | -             | 1              | -    | 29       | 17    | 12    | 27           | 1     | 1    | -                                    | -       | -      |  |
| 9          | 3            | 3    | 1             | 2              | -    | 22       | 12    | 10    | 16           | 6     | -    | -                                    | -       | -      |  |
| 84         | 43           | 18   | 13            | 10             | -    | 182      | 95    | 87    | 136          | 46    | -    | -                                    | -       | -      |  |
| 65         | 40           | 5    | 6             | 14             | -    | 98       | 43    | 55    | 74           | 23    | 1    | -                                    | -       | -      |  |
| 4          | 2            | -    | 1             | 1              | -    | 35       | 20    | 15    | 30           | 5     | -    | -                                    | -       | -      |  |
| 15         | 14           | -    | -             | 1              | -    | 48       | 24    | 24    | 38           | 10    | -    | -                                    | -       | -      |  |
| 18         | 11           | 3    | 3             | 1              | -    | 61       | 27    | 34    | 51           | 10    | -    | -                                    | -       | -      |  |
| 17         | 13           | 2    | 2             | -              | -    | 61       | 34    | 27    | 52           | 8     | 1    | -                                    | -       | -      |  |
| 11         | 10           | -    | -             | 1              | -    | 36       | 12    | 24    | 33           | 3     | -    | -                                    | -       | -      |  |
| 33         | 21           | 3    | 3             | 6              | -    | 67       | 34    | 33    | 53           | 14    | -    | -                                    | -       | -      |  |
| 39         | 16           | 9    | 6             | 8              | -    | 57       | 26    | 31    | 47           | 10    | -    | -                                    | -       | -      |  |
| 84         | 31           | 33   | 7             | 13             | -    | 138      | 68    | 70    | 91           | 45    | 2    | -                                    | -       | -      |  |
| 23         | 13           | 7    | 2             | 1              | -    | 52       | 25    | 27    | 37           | 14    | 1    | -                                    | -       | -      |  |
| 10         | 10           | -    | -             | -              | -    | 20       | 12    | 8     | 17           | 3     | -    | -                                    | -       | -      |  |
| 32         | 20           | 3    | 6             | 3              | -    | 135      | 70    | 65    | 99           | 36    | -    | -                                    | -       | -      |  |
| 6          | 6            | -    | -             | -              | -    | 18       | 9     | 9     | 15           | 3     | -    | -                                    | -       | -      |  |
| 53         | 31           | 6    | 11            | 5              | -    | 84       | 36    | 48    | 67           | 17    | -    | -                                    | -       | -      |  |
| 982        | 406          | 375  | 94            | 107            | -    | 1,837    | 953   | 884   | 1,273        | 556   | 8    | -                                    | -       | -      |  |





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BIRTHS, 1899.

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TABLE II. — BIRTHS. — 1899.

Distinguishing by Counties, by Months, and by Sex, the Registered Number of Children BORN ALIVE during the Year.

| Year and Months. | SEX.     | STATE. | Barnstable. | Berkshire. | Bristol. | Dukes. | Essex. | Franklin. | Hampden. | Hampshire. | Middlesex. | Nantucket. | Northolk. | Plymouth. | Southolk. | Worcester. |
|------------------|----------|--------|-------------|------------|----------|--------|--------|-----------|----------|------------|------------|------------|-----------|-----------|-----------|------------|
| The Year.        | Totals,  | 70,457 | 470         | 2,190      | 7,762    | 59     | 8,097  | 800       | 5,117    | 1,210      | 13,360     | 38         | 3,295     | 2,194     | 17,294    | 8,571      |
|                  | Males,   | 36,199 | 253         | 1,087      | 4,099    | 30     | 4,118  | 413       | 2,668    | 608        | 6,802      | 18         | 1,706     | 1,131     | 8,863     | 4,403      |
| Jan.             | Females, | 34,258 | 217         | 1,103      | 3,663    | 29     | 3,979  | 387       | 2,449    | 602        | 6,558      | 20         | 1,589     | 1,063     | 8,431     | 4,168      |
|                  | Totals,  | 6,087  | 40          | 206        | 692      | 7      | 663    | 58        | 411      | 94         | 1,177      | 1          | 292       | 152       | 1,544     | 750        |
| Feb.             | Males,   | 3,175  | 23          | 106        | 359      | 3      | 341    | 34        | 217      | 40         | 600        | —          | 148       | 76        | 836       | 392        |
|                  | Females, | 2,912  | 17          | 100        | 333      | 4      | 322    | 24        | 194      | 54         | 577        | 1          | 144       | 76        | 708       | 358        |
| Mar.             | Totals,  | 5,417  | 30          | 165        | 613      | 6      | 639    | 70        | 382      | 91         | 1,017      | 2          | 265       | 198       | 1,282     | 657        |
|                  | Males,   | 2,764  | 12          | 88         | 313      | 4      | 314    | 40        | 197      | 47         | 521        | —          | 138       | 103       | 652       | 335        |
| April.           | Females, | 2,653  | 18          | 77         | 300      | 2      | 325    | 30        | 185      | 44         | 496        | 2          | 127       | 95        | 630       | 322        |
|                  | Totals,  | 6,072  | 35          | 200        | 677      | 7      | 690    | 72        | 492      | 93         | 1,108      | 2          | 315       | 177       | 1,478     | 726        |
| May.             | Males,   | 3,162  | 21          | 96         | 373      | 4      | 351    | 43        | 253      | 51         | 550        | 1          | 152       | 86        | 772       | 409        |
|                  | Females, | 2,910  | 14          | 104        | 304      | 3      | 339    | 29        | 239      | 42         | 558        | 1          | 163       | 91        | 706       | 317        |
| June.            | Totals,  | 5,423  | 27          | 190        | 584      | 5      | 613    | 72        | 420      | 102        | 1,003      | —          | 258       | 191       | 1,294     | 664        |
|                  | Males,   | 2,755  | 17          | 98         | 306      | 2      | 316    | 36        | 214      | 51         | 511        | —          | 127       | 105       | 627       | 345        |
| July.            | Females, | 2,668  | 10          | 92         | 278      | 3      | 297    | 36        | 206      | 51         | 492        | —          | 131       | 86        | 667       | 319        |
|                  | Totals,  | 5,497  | 39          | 201        | 547      | 7      | 702    | 51        | 420      | 92         | 1,035      | 7          | 231       | 169       | 1,280     | 716        |
| Aug.             | Males,   | 2,793  | 23          | 107        | 291      | 4      | 359    | 23        | 215      | 44         | 505        | 2          | 123       | 79        | 654       | 364        |
|                  | Females, | 2,704  | 16          | 94         | 256      | 3      | 343    | 28        | 205      | 48         | 530        | 5          | 108       | 90        | 626       | 352        |

|         |                                    |   |   |   |   |       |    |     |     |   |     |    |     |     |       |   |     |     |       |     |
|---------|------------------------------------|---|---|---|---|-------|----|-----|-----|---|-----|----|-----|-----|-------|---|-----|-----|-------|-----|
| June.   | {<br>Totals,<br>Males,<br>Females, | . | . | . | . | 5,563 | 41 | 186 | 619 | 2 | 619 | 63 | 411 | 95  | 1,083 | 4 | 259 | 166 | 1,351 | 664 |
|         |                                    | . | . | . | . | 2,895 | 22 | 97  | 314 | 1 | 314 | 31 | 222 | 56  | 564   | 3 | 134 | 84  | 707   | 332 |
| July.   | {<br>Totals,<br>Males,<br>Females, | . | . | . | . | 2,668 | 19 | 89  | 305 | 1 | 305 | 32 | 189 | 39  | 519   | 1 | 125 | 82  | 644   | 332 |
|         |                                    | . | . | . | . | 6,169 | 52 | 178 | 708 | 5 | 708 | 79 | 486 | 110 | 1,143 | 4 | 271 | 203 | 1,510 | 717 |
| Aug.    | {<br>Totals,<br>Males,<br>Females, | . | . | . | . | 3,140 | 26 | 83  | 373 | 2 | 373 | 37 | 248 | 56  | 597   | 3 | 135 | 95  | 762   | 356 |
|         |                                    | . | . | . | . | 3,029 | 26 | 95  | 335 | 3 | 335 | 42 | 238 | 54  | 546   | 1 | 136 | 108 | 748   | 361 |
| Sept.   | {<br>Totals,<br>Males,<br>Females, | . | . | . | . | 6,351 | 47 | 190 | 688 | 6 | 705 | 70 | 435 | 106 | 1,245 | 3 | 311 | 194 | 1,550 | 801 |
|         |                                    | . | . | . | . | 3,197 | 23 | 87  | 333 | 4 | 357 | 38 | 219 | 49  | 649   | 2 | 162 | 103 | 783   | 388 |
| Oct.    | {<br>Totals,<br>Males,<br>Females, | . | . | . | . | 3,154 | 24 | 103 | 348 | 2 | 348 | 32 | 216 | 57  | 596   | 1 | 149 | 91  | 767   | 413 |
|         |                                    | . | . | . | . | 6,009 | 42 | 163 | 717 | 6 | 717 | 68 | 427 | 108 | 1,160 | 5 | 270 | 193 | 1,444 | 721 |
| Nov.    | {<br>Totals,<br>Males,<br>Females, | . | . | . | . | 3,094 | 22 | 75  | 357 | 2 | 357 | 38 | 225 | 57  | 581   | 3 | 142 | 99  | 740   | 359 |
|         |                                    | . | . | . | . | 2,915 | 20 | 88  | 360 | 4 | 360 | 30 | 202 | 51  | 579   | 2 | 128 | 94  | 704   | 362 |
| Dec.    | {<br>Totals,<br>Males,<br>Females, | . | . | . | . | 5,851 | 49 | 173 | 663 | 4 | 663 | 78 | 424 | 118 | 1,109 | 6 | 271 | 172 | 1,462 | 694 |
|         |                                    | . | . | . | . | 2,979 | 28 | 80  | 349 | 2 | 349 | 36 | 221 | 57  | 556   | 1 | 144 | 91  | 726   | 351 |
| Totals. | {<br>Totals,<br>Males,<br>Females, | . | . | . | . | 2,872 | 21 | 93  | 314 | 2 | 314 | 42 | 203 | 61  | 553   | 5 | 127 | 81  | 736   | 343 |
|         |                                    | . | . | . | . | 5,853 | 40 | 147 | 704 | 3 | 704 | 58 | 384 | 106 | 1,133 | 2 | 262 | 186 | 1,478 | 712 |
| Totals. | {<br>Totals,<br>Males,<br>Females, | . | . | . | . | 3,059 | 20 | 69  | 351 | 1 | 351 | 27 | 211 | 55  | 577   | 1 | 145 | 108 | 768   | 376 |
|         |                                    | . | . | . | . | 2,794 | 20 | 78  | 353 | 2 | 353 | 31 | 173 | 51  | 556   | 1 | 117 | 78  | 710   | 336 |
| Totals. | {<br>Totals,<br>Males,<br>Females, | . | . | . | . | 6,165 | 28 | 191 | 674 | 1 | 674 | 61 | 425 | 95  | 1,147 | 2 | 290 | 193 | 1,621 | 749 |
|         |                                    | . | . | . | . | 3,186 | 16 | 101 | 336 | 1 | 336 | 30 | 226 | 45  | 591   | 2 | 156 | 102 | 836   | 396 |
| Totals. | {<br>Totals,<br>Males,<br>Females, | . | . | . | . | 2,979 | 12 | 90  | 338 | - | 338 | 31 | 199 | 50  | 556   | - | 134 | 91  | 785   | 353 |

## SUPPLEMENT A.

## PLURALITY CASES — 1899.

(Included in Tables I. and II.)

|             | SEX. | STATE. | Barnstable. | Berkshire. | Bristol. | Dukes. | Essex. | Franklin. | Hampden. | Hampshire. | Middlesex. | Nantucket. | Norfolk. | Plymouth. | Suffolk. | Worcester. |
|-------------|------|--------|-------------|------------|----------|--------|--------|-----------|----------|------------|------------|------------|----------|-----------|----------|------------|
| THE YEAR. { | Tot. | 1,539  | 10          | 62         | 182      | —      | 178    | 14        | 112      | 32         | 233        | —          | 84       | 53        | 371      | 208        |
|             | Ma.  | 775    | 6           | 28         | 90       | —      | 92     | 5         | 66       | 10         | 119        | —          | 37       | 32        | 196      | 94         |
|             | Fe.  | 764    | 4           | 34         | 92       | —      | 86     | 9         | 46       | 22         | 114        | —          | 47       | 21        | 175      | 114        |

## SUPPLEMENT B.

## TRIPLT CASES — 1899.

(Included in Supplement A.)

| STATES AND COUNTIES. | Number of Cases. | SEX.   |          | PARENTAGE IN EACH CASE. |          |
|----------------------|------------------|--------|----------|-------------------------|----------|
|                      |                  | Males. | Females. | Native.                 | Foreign. |
| Massachusetts, . . . | 9                | 19     | 8        | 1                       | 8        |
| Bristol, . . . .     | 4                | { 3    | —        | —                       | 1        |
|                      |                  | { —    | 3        | —                       | 1        |
|                      |                  | { 2    | 1        | —                       | 1        |
|                      |                  | { 2    | 1        | —                       | 1        |
| Essex, . . . .       | 2                | { 3    | —        | —                       | 1        |
|                      |                  | { 2    | 1        | —                       | 1        |
| Middlesex, . . . .   | 1                | 3      | —        | —                       | 1        |
| Plymouth, . . . .    | 1                | 2      | 1        | 1                       | —        |
| Suffolk, . . . .     | 1                | 2      | 1        | —                       | 1        |

## SUPPLEMENT C.

*Showing Number of Births in Each City, and in 53 Towns OVER and  
268 Towns UNDER 5,000 Population in 1895.*

|   | Whole<br>Number. | SEX.   |          |
|---|------------------|--------|----------|
|   |                  | Males. | Females. |
| MASSACHUSETTS, . . . . .                  | 70,457           | 36,199 | 34,258   |
| Beverly, . . . . .                        | 266              | 130    | 136      |
| Boston, . . . . .                         | 16,151           | 8,267  | 7,884    |
| Brockton, . . . . .                       | 915              | 468    | 447      |
| Cambridge, . . . . .                      | 2,508            | 1,255  | 1,253    |
| Chelsea, . . . . .                        | 855              | 452    | 403      |
| Chicopee, . . . . .                       | 700              | 359    | 341      |
| Everett, . . . . .                        | 654              | 320    | 334      |
| Fall River, . . . . .                     | 3,987            | 2,132  | 1,855    |
| Fitchburg, . . . . .                      | 914              | 445    | 469      |
| Gloucester, . . . . .                     | 582              | 282    | 300      |
| Haverhill, . . . . .                      | 892              | 461    | 431      |
| Holyoke, . . . . .                        | 1,692            | 859    | 833      |
| Lawrence, . . . . .                       | 1,786            | 897    | 889      |
| Lowell, . . . . .                         | 2,415            | 1,251  | 1,164    |
| Lynn, . . . . .                           | 1,533            | 795    | 738      |
| Malden, . . . . .                         | 768              | 376    | 392      |
| Marlborough, . . . . .                    | 306              | 162    | 144      |
| Medford, . . . . .                        | 437              | 215    | 222      |
| New Bedford, . . . . .                    | 2,065            | 1,079  | 986      |
| Newburyport, . . . . .                    | 282              | 140    | 142      |
| Newton, . . . . .                         | 767              | 400    | 367      |
| North Adams, . . . . .                    | 612              | 292    | 320      |
| Northampton, . . . . .                    | 387              | 203    | 184      |
| Pittsfield, . . . . .                     | 495              | 229    | 266      |
| Quincy, . . . . .                         | 707              | 372    | 335      |
| Salem, . . . . .                          | 932              | 491    | 441      |
| Somerville, . . . . .                     | 1,595            | 830    | 765      |
| Springfield, . . . . .                    | 1,512            | 803    | 709      |
| Taunton, . . . . .                        | 728              | 375    | 353      |
| Waltham, . . . . .                        | 474              | 239    | 235      |
| Woburn, . . . . .                         | 363              | 197    | 166      |
| Worcester, . . . . .                      | 3,070            | 1,531  | 1,539    |
| 32 Cities, . . . . .                      | 51,350           | 26,307 | 25,043   |
| 53 towns over 5,000 population in 1895,   | 10,213           | 5,302  | 4,911    |
| 268 towns under 5,000 population in 1895, | 8,894            | 4,590  | 4,304    |

TABLE III. — STILL-BORN. — 1899.

*Distinguishing by Counties and by Sex the Registered Number of Still-births during the Year.*

| THE YEAR. | SEX. | STATE. | Barnstable. | Berkshire. | Bristol. | Dukes. | Essex. | Franklin. | Hampden. | Hampshire. | Middlesex. | Nantucket. | Norfolk. | Plymouth. | Suffolk. | Worcester. |
|-----------|------|--------|-------------|------------|----------|--------|--------|-----------|----------|------------|------------|------------|----------|-----------|----------|------------|
|           | Tot. | 2,649  | 15          | 88         | 352      | 3      | 308    | 34        | 170      | 33         | 508        | 2          | 99       | 76        | 649      | 312        |
|           | Ma.  | 1,593  | 8           | 50         | 182      | 3      | 189    | 16        | 95       | 17         | 351        | 2          | 65       | 42        | 402      | 171        |
|           | Fe.  | 1,034  | 7           | 36         | 167      | —      | 119    | 18        | 74       | 15         | 156        | —          | 34       | 32        | 240      | 136        |
|           | Unk  | 22     | —           | 2          | 3        | —      | —      | —         | 1        | 1          | 1          | —          | —        | 2         | 7        | 5          |

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MARRIAGES, 1899.

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TABLE IV. — MARRIAGES.

*Distinguishing by Counties and by Months the Num-*

| YEAR AND MONTHS.     | STATE. | Barnstable. | Berkshire. | Bristol. | Dukes. |
|----------------------|--------|-------------|------------|----------|--------|
| THE YEAR, . . . . .  | 23,523 | 218         | 606        | 2,358    | 17     |
| January, . . . . .   | 1,713  | 22          | 36         | 191      | —      |
| February, . . . . .  | 1,383  | 11          | 33         | 149      | 1      |
| March, . . . . .     | 867    | 11          | 20         | 84       | 1      |
| April, . . . . .     | 2,338  | 14          | 46         | 214      | —      |
| May, . . . . .       | 1,536  | 12          | 42         | 200      | 1      |
| June, . . . . .      | 3,032  | 26          | 79         | 281      | 2      |
| July, . . . . .      | 1,610  | 10          | 46         | 162      | 2      |
| August, . . . . .    | 1,529  | 13          | 44         | 160      | 1      |
| September, . . . . . | 2,247  | 17          | 65         | 200      | 1      |
| October, . . . . .   | 2,797  | 16          | 80         | 290      | 3      |
| November, . . . . .  | 2,825  | 32          | 80         | 293      | 1      |
| December, . . . . .  | 1,646  | 34          | 35         | 134      | 4      |



TABLE IV. — MARRIAGES.

*ber of Marriages Registered during the Year 1899.*

| Essex. | Franklin. | Hamden. | Hampshire. | Middlesex. | Nantucket. | Norfolk. | Plymouth. | Suffolk. | Worcester. |
|--------|-----------|---------|------------|------------|------------|----------|-----------|----------|------------|
| 2,801  | 288       | 1,480   | 462        | 4,247      | 13         | 982      | 797       | 6,576    | 2,678      |
| 185    | 18        | 110     | 30         | 314        | —          | 61       | 59        | 515      | 172        |
| 140    | 17        | 87      | 25         | 209        | 1          | 49       | 45        | 463      | 153        |
| 102    | 6         | 40      | 14         | 124        | 1          | 30       | 40        | 295      | 99         |
| 242    | 19        | 151     | 48         | 479        | 1          | 101      | 61        | 710      | 252        |
| 186    | 23        | 132     | 36         | 232        | 1          | 43       | 62        | 394      | 172        |
| 383    | 38        | 172     | 70         | 617        | 1          | 162      | 114       | 737      | 350        |
| 201    | 25        | 107     | 22         | 273        | —          | 61       | 53        | 459      | 189        |
| 198    | 15        | 99      | 29         | 261        | —          | 59       | 39        | 433      | 178        |
| 301    | 41        | 139     | 54         | 430        | 1          | 86       | 71        | 575      | 266        |
| 284    | 31        | 185     | 46         | 523        | —          | 149      | 96        | 770      | 324        |
| 364    | 32        | 161     | 57         | 512        | 2          | 112      | 87        | 762      | 330        |
| 215    | 23        | 97      | 31         | 273        | 5          | 69       | 70        | 463      | 193        |

TABLE V. — MARRIAGES. — 1899.

STATE AND COUNTIES: *By Age Periods.*

| STATE AND COUNTIES. | ALL AGES. | AGE PERIODS. |     |     |     |       |       |           |
|---------------------|-----------|--------------|-----|-----|-----|-------|-------|-----------|
|                     |           | 14.          | 15. | 16. | 17. | 18.   | 19.   | 20 to 25. |
| STATE TOTALS, . . . |           |              |     |     |     |       |       |           |
| Grooms, . . .       | 23,523    | —            | —   | —   | 9   | 102   | 263   | 7,642     |
| Brides, . . .       | 23,523    | 6            | 28  | 139 | 414 | 1,264 | 1,519 | 10,090    |
| Barnstable, . . .   |           |              |     |     |     |       |       |           |
| Grooms, . . .       | 218       | —            | —   | —   | —   | 3     | 3     | 80        |
| Brides, . . .       | 218       | —            | 1   | 2   | 8   | 21    | 15    | 86        |
| Berkshire, . . .    |           |              |     |     |     |       |       |           |
| Grooms, . . .       | 606       | —            | —   | —   | —   | 3     | 11    | 225       |
| Brides, . . .       | 606       | 2            | 1   | 7   | 17  | 36    | 42    | 269       |
| Bristol, . . .      |           |              |     |     |     |       |       |           |
| Grooms, . . .       | 2,358     | —            | —   | —   | 1   | 10    | 46    | 1,001     |
| Brides, . . .       | 2,358     | 2            | 4   | 25  | 79  | 194   | 209   | 1,011     |
| Dukes, . . .        |           |              |     |     |     |       |       |           |
| Grooms, . . .       | 17        | —            | —   | —   | —   | —     | —     | 7         |
| Brides, . . .       | 17        | —            | —   | —   | 1   | —     | 2     | 7         |
| Essex, . . .        |           |              |     |     |     |       |       |           |
| Grooms, . . .       | 2,801     | —            | —   | —   | 1   | 24    | 36    | 964       |
| Brides, . . .       | 2,801     | —            | 2   | 18  | 56  | 145   | 198   | 1,203     |
| Franklin, . . .     |           |              |     |     |     |       |       |           |
| Grooms, . . .       | 288       | —            | —   | —   | —   | 4     | 5     | 114       |
| Brides, . . .       | 288       | —            | —   | 6   | 13  | 35    | 30    | 105       |
| Hampden, . . .      |           |              |     |     |     |       |       |           |
| Grooms, . . .       | 1,480     | —            | —   | —   | —   | 6     | 16    | 559       |
| Brides, . . .       | 1,480     | —            | —   | 7   | 29  | 109   | 140   | 698       |
| Hampshire, . . .    |           |              |     |     |     |       |       |           |
| Grooms, . . .       | 462       | —            | —   | —   | 1   | 5     | 6     | 161       |
| Brides, . . .       | 462       | —            | —   | 3   | 10  | 30    | 32    | 204       |
| Middlesex, . . .    |           |              |     |     |     |       |       |           |
| Grooms, . . .       | 4,247     | —            | —   | —   | 2   | 11    | 39    | 1,284     |
| Brides, . . .       | 4,247     | —            | 3   | 17  | 43  | 181   | 227   | 1,771     |
| Nantucket, . . .    |           |              |     |     |     |       |       |           |
| Grooms, . . .       | 13        | —            | —   | —   | —   | —     | —     | 3         |
| Brides, . . .       | 13        | —            | —   | —   | —   | —     | —     | 6         |
| Norfolk, . . .      |           |              |     |     |     |       |       |           |
| Grooms, . . .       | 982       | —            | —   | —   | —   | 2     | 13    | 289       |
| Brides, . . .       | 982       | —            | —   | 1   | 13  | 27    | 48    | 421       |
| Plymouth, . . .     |           |              |     |     |     |       |       |           |
| Grooms, . . .       | 797       | —            | —   | —   | 1   | 8     | 9     | 295       |
| Brides, . . .       | 797       | —            | 2   | 10  | 16  | 56    | 65    | 343       |
| Suffolk, . . .      |           |              |     |     |     |       |       |           |
| Grooms, . . .       | 6,576     | —            | —   | —   | 1   | 9     | 37    | 1,732     |
| Brides, . . .       | 6,576     | 1            | 9   | 23  | 70  | 254   | 327   | 2,771     |
| Worcester, . . .    |           |              |     |     |     |       |       |           |
| Grooms, . . .       | 2,678     | —            | —   | —   | 2   | 17    | 42    | 928       |
| Brides, . . .       | 2,678     | 1            | 6   | 20  | 59  | 176   | 184   | 1,195     |

TABLE V. — MARRIAGES. — 1899.

STATE AND COUNTIES: *By Age Periods.*

| 25 to 30. | 30 to 35. | 35 to 40. | 40 to 45. | 45 to 50. | 50 to 55. | 55 to 60. | 60 to 65. | 65 to 70. | 70 to 75. | 75 to 80. | Over 80. |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|
| 8,038     | 3,579     | 1,750     | 891       | 489       | 297       | 224       | 110       | 74        | 33        | 16        | 6        |
| 5,813     | 2,122     | 1,090     | 484       | 300       | 126       | 69        | 34        | 19        | 6         | —         | —        |
| 59        | 26        | 15        | 10        | 7         | 3         | 7         | 1         | 2         | 2         | —         | —        |
| 39        | 15        | 8         | 11        | 4         | 2         | 4         | —         | 2         | —         | —         | —        |
| 204       | 72        | 38        | 19        | 16        | 5         | 9         | 3         | 1         | —         | —         | —        |
| 133       | 57        | 17        | 10        | 6         | 6         | 1         | 1         | 1         | —         | —         | —        |
| 705       | 289       | 115       | 92        | 30        | 27        | 20        | 10        | 7         | 2         | 3         | —        |
| 488       | 150       | 92        | 44        | 31        | 16        | 6         | 5         | 1         | 1         | —         | —        |
| 3         | 1         | 2         | 1         | 1         | 1         | —         | —         | 1         | —         | —         | —        |
| —         | 3         | 3         | —         | —         | 1         | —         | —         | —         | —         | —         | —        |
| 942       | 405       | 199       | 90        | 61        | 26        | 21        | 14        | 6         | 9         | 3         | —        |
| 671       | 246       | 140       | 53        | 36        | 16        | 6         | 7         | 3         | 1         | —         | —        |
| 95        | 33        | 13        | 7         | 4         | 4         | 2         | 2         | 3         | —         | 1         | 1        |
| 58        | 18        | 8         | 3         | 4         | 4         | 3         | —         | —         | 1         | —         | —        |
| 526       | 192       | 67        | 47        | 23        | 13        | 13        | 8         | 6         | 3         | —         | 1        |
| 294       | 98        | 48        | 23        | 15        | 11        | 4         | 2         | 2         | —         | —         | —        |
| 162       | 63        | 26        | 13        | 8         | 5         | 5         | 3         | 2         | —         | —         | 2        |
| 108       | 33        | 22        | 7         | 6         | 2         | 3         | —         | 2         | —         | —         | —        |
| 1,496     | 683       | 318       | 161       | 110       | 55        | 38        | 25        | 15        | 7         | 3         | —        |
| 1,192     | 418       | 198       | 100       | 51        | 21        | 14        | 6         | 4         | 1         | —         | —        |
| 3         | 3         | —         | —         | 1         | 2         | —         | —         | 1         | —         | —         | —        |
| 2         | 1         | 2         | —         | 2         | —         | —         | —         | —         | —         | —         | —        |
| 334       | 178       | 77        | 31        | 20        | 14        | 12        | 4         | 3         | 2         | 2         | 1        |
| 280       | 95        | 41        | 23        | 16        | 8         | 4         | 4         | 1         | —         | —         | —        |
| 230       | 108       | 63        | 32        | 24        | 11        | 9         | 4         | —         | 1         | 1         | 1        |
| 170       | 60        | 31        | 23        | 13        | 3         | 3         | 1         | 1         | —         | —         | —        |
| 2,363     | 1,162     | 629       | 294       | 137       | 101       | 64        | 21        | 20        | 5         | 1         | —        |
| 1,773     | 720       | 362       | 135       | 84        | 28        | 13        | 5         | —         | 1         | —         | —        |
| 916       | 364       | 188       | 94        | 47        | 30        | 24        | 15        | 7         | 2         | 2         | —        |
| 605       | 208       | 118       | 52        | 32        | 8         | 8         | 3         | 2         | 1         | —         | —        |



TABLE VI. — Continued.

## (B.) First Marriage of Groom, Subsequent Marriage of Bride.

| AGE<br>OF MALES. | AGE OF FEMALES. |           |           |           |           |           |           |           |           |           |           |           |           |           |          |
|------------------|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|
|                  | ALL AGES.       | Under 20. | 20 to 25. | 25 to 30. | 30 to 35. | 35 to 40. | 40 to 45. | 45 to 50. | 50 to 55. | 55 to 60. | 60 to 65. | 65 to 70. | 70 to 75. | 75 to 80. | Over 80. |
| ALL AGES,        | 1,224           | 10        | 152       | 331       | 304       | 254       | 104       | 46        | 16        | 3         | 4         | —         | —         | —         | —        |
| Under 20, .      | 6               | 1         | 5         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —        |
| 20 to 25, .      | 166             | 6         | 63        | 57        | 28        | 10        | 2         | —         | —         | —         | —         | —         | —         | —         | —        |
| 25 to 30, .      | 353             | 3         | 53        | 141       | 94        | 45        | 16        | 4         | 2         | —         | 1         | —         | —         | —         | —        |
| 30 to 35, .      | 317             | —         | 28        | 79        | 105       | 84        | 16        | 4         | 1         | —         | —         | —         | —         | —         | —        |
| 35 to 40, .      | 199             | —         | 3         | 29        | 50        | 73        | 30        | 10        | 3         | —         | 1         | —         | —         | —         | —        |
| 40 to 45, .      | 105             | —         | —         | 19        | 19        | 26        | 24        | 11        | 5         | 1         | —         | —         | —         | —         | —        |
| 45 to 50, .      | 51              | —         | —         | 3         | 3         | 14        | 17        | 12        | 2         | —         | —         | —         | —         | —         | —        |
| 50 to 55, .      | 10              | —         | —         | 2         | 4         | 1         | 1         | 1         | 1         | —         | —         | —         | —         | —         | —        |
| 55 to 60, .      | 13              | —         | —         | 1         | 1         | 1         | 3         | 2         | 1         | 2         | 2         | —         | —         | —         | —        |
| 60 to 65, .      | 2               | —         | —         | —         | —         | —         | 1         | —         | 1         | —         | —         | —         | —         | —         | —        |
| 65 to 70, .      | 2               | —         | —         | —         | —         | —         | —         | 2         | —         | —         | —         | —         | —         | —         | —        |
| 70 to 75, .      | —               | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —        |
| 75 to 80, .      | —               | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —        |
| Over 80, .       | —               | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —        |

## (C.) Subsequent Marriage of Groom, but First Marriage of Bride.

|             |       |     |     |     |     |     |     |    |    |    |   |   |   |   |   |
|-------------|-------|-----|-----|-----|-----|-----|-----|----|----|----|---|---|---|---|---|
| ALL AGES,   | 1,948 | 115 | 493 | 524 | 339 | 254 | 122 | 60 | 26 | 11 | 2 | 2 | — | — | — |
| Under 20, . | —     | —   | —   | —   | —   | —   | —   | —  | —  | —  | — | — | — | — | — |
| 20 to 25, . | 40    | 13  | 24  | 3   | —   | —   | —   | —  | —  | —  | — | — | — | — | — |
| 25 to 30, . | 297   | 36  | 144 | 99  | 16  | 2   | —   | —  | —  | —  | — | — | — | — | — |
| 30 to 35, . | 419   | 30  | 148 | 128 | 83  | 25  | 4   | 1  | —  | —  | — | — | — | — | — |
| 35 to 40, . | 438   | 19  | 94  | 147 | 88  | 79  | 8   | 3  | —  | —  | — | — | — | — | — |
| 40 to 45, . | 289   | 11  | 46  | 71  | 76  | 54  | 30  | 1  | —  | —  | — | — | — | — | — |
| 45 to 50, . | 185   | 4   | 15  | 43  | 41  | 43  | 29  | 10 | —  | —  | — | — | — | — | — |
| 50 to 55, . | 118   | 1   | 12  | 17  | 20  | 24  | 21  | 16 | 5  | 2  | — | — | — | — | — |
| 55 to 60, . | 82    | —   | 6   | 14  | 6   | 17  | 15  | 16 | 5  | 3  | — | — | — | — | — |
| 60 to 65, . | 33    | —   | 3   | 2   | 7   | 4   | 2   | 9  | 5  | 1  | — | — | — | — | — |
| 65 to 70, . | 26    | 1   | —   | —   | —   | 2   | 9   | 3  | 8  | 2  | — | 1 | — | — | — |
| 70 to 75, . | 13    | —   | —   | —   | 1   | 2   | 3   | —  | 2  | 3  | 2 | — | — | — | — |
| 75 to 80, . | 6     | —   | 1   | —   | 1   | 2   | 1   | 1  | —  | —  | — | — | — | — | — |
| Over 80, .  | 2     | —   | —   | —   | —   | —   | —   | —  | 1  | —  | — | 1 | — | — | — |

TABLE VI. — Concluded.

## (D.) Subsequent Marriage of Both Parties.

| AGE<br>OF MALES. | AGE OF FEMALES. |           |           |           |           |           |           |           |           |           |           |           |           |           |          |
|------------------|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|
|                  | ALL AGES.       | Under 20. | 20 to 25. | 25 to 30. | 30 to 35. | 35 to 40. | 40 to 45. | 45 to 50. | 50 to 55. | 55 to 60. | 60 to 65. | 65 to 70. | 70 to 75. | 75 to 80. | Over 80. |
| ALL AGES,        | 1,066           | 1         | 28        | 124       | 182       | 224       | 163       | 169       | 73        | 54        | 26        | 17        | 5         | -         | -        |
| Under 20, .      | -               | -         | -         | -         | -         | -         | -         | -         | -         | -         | -         | -         | -         | -         | -        |
| 20 to 25, .      | 4               | -         | 2         | 2         | -         | -         | -         | -         | -         | -         | -         | -         | -         | -         | -        |
| 25 to 30, .      | 44              | -         | 8         | 16        | 16        | 2         | 1         | -         | -         | 1         | -         | -         | -         | -         | -        |
| 30 to 35, .      | 102             | 1         | 7         | 27        | 40        | 19        | 7         | 1         | -         | -         | -         | -         | -         | -         | -        |
| 35 to 40, .      | 175             | -         | 2         | 39        | 50        | 60        | 14        | 6         | 3         | 1         | -         | -         | -         | -         | -        |
| 40 to 45, .      | 193             | -         | 4         | 19        | 36        | 55        | 52        | 21        | 5         | 1         | -         | -         | -         | -         | -        |
| 45 to 50, .      | 148             | -         | 2         | 13        | 19        | 37        | 35        | 30        | 9         | 3         | -         | -         | -         | -         | -        |
| 50 to 55, .      | 136             | -         | 2         | 5         | 14        | 26        | 22        | 41        | 16        | 8         | 1         | 1         | -         | -         | -        |
| 55 to 60, .      | 117             | -         | 1         | -         | 7         | 14        | 21        | 39        | 20        | 11        | 3         | 1         | -         | -         | -        |
| 60 to 65, .      | 67              | -         | -         | 2         | -         | 6         | 9         | 16        | 9         | 13        | 9         | 2         | 1         | -         | -        |
| 65 to 70, .      | 46              | -         | -         | 1         | -         | 2         | 2         | 11        | 9         | 5         | 11        | 5         | -         | -         | -        |
| 70 to 75, .      | 20              | -         | -         | -         | -         | 1         | -         | 3         | 2         | 6         | 1         | 6         | 1         | -         | -        |
| 75 to 80, .      | 10              | -         | -         | -         | -         | 1         | -         | 1         | -         | 4         | 1         | -         | 3         | -         | -        |
| Over 80, .       | 4               | -         | -         | -         | -         | 1         | -         | -         | -         | 1         | -         | 2         | -         | -         | -        |

## (E.) Conjugal Condition of Persons Married, 1899.

| GROOMS.            | Whole<br>Number<br>of<br>Marriages. | BRIDES.            |                     |                    |                     |                    |
|--------------------|-------------------------------------|--------------------|---------------------|--------------------|---------------------|--------------------|
|                    |                                     | First<br>Marriage. | Second<br>Marriage. | Third<br>Marriage. | Fourth<br>Marriage. | Fifth<br>Marriage. |
| Whole number, .    | 23,523                              | 21,233             | 2,192               | 95                 | 3                   | -                  |
| First marriage, .  | 20,509                              | 19,285             | 1,196               | 28                 | -                   | -                  |
| Second marriage, . | 2,773                               | 1,839              | 889                 | 43                 | 2                   | -                  |
| Third marriage, .  | 219                                 | 100                | 96                  | 23                 | -                   | -                  |
| Fourth marriage, . | 20                                  | 8                  | 11                  | 1                  | -                   | -                  |
| Fifth marriage, .  | 2                                   | 1                  | -                   | -                  | 1                   | -                  |

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DEATHS, 1899.

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TABLE VII. — DEATHS. — 1899.

*Distinguishing by Counties, by Months, and by Sex, the Registered Number of Persons who died during the Year.*

| Year and Month. | SEX.     |   | STATE. | Barnstable. | Derkschire. | Bristol. | Dukes. | Essex. | Franklin. | Hampden. | Hampshire. | Middlesex. | Nantucket. | Norfolk. | Plymouth. | Suffolk. | Worcester. |
|-----------------|----------|---|--------|-------------|-------------|----------|--------|--------|-----------|----------|------------|------------|------------|----------|-----------|----------|------------|
| The Year.       | Totals,  | . | 47,710 | 463         | 1,436       | 4,849    | 88     | 6,057  | 623       | 2,890    | 900        | 8,954      | 69         | 2,177    | 1,708     | 11,946   | 5,550      |
|                 | Males,   | . | 24,304 | 243         | 691         | 2,476    | 44     | 2,985  | 317       | 1,458    | 455        | 4,428      | 29         | 1,144    | 934       | 6,160    | 2,840      |
|                 | Females, | . | 23,406 | 220         | 745         | 2,373    | 44     | 3,072  | 306       | 1,432    | 445        | 4,426      | 40         | 1,033    | 774       | 5,786    | 2,710      |
| Jan.            | Totals,  | . | 5,181  | 51          | 164         | 469      | 13     | 712    | 66        | 337      | 110        | 946        | 6          | 243      | 215       | 1,260    | 589        |
|                 | Males,   | . | 2,571  | 31          | 69          | 224      | 9      | 329    | 37        | 154      | 52         | 456        | 4          | 131      | 122       | 644      | 309        |
|                 | Females, | . | 2,610  | 20          | 95          | 245      | 4      | 383    | 29        | 183      | 58         | 490        | 2          | 112      | 93        | 616      | 280        |
| Feb.            | Totals,  | . | 4,201  | 61          | 149         | 448      | 8      | 566    | 58        | 231      | 81         | 767        | 7          | 179      | 185       | 946      | 515        |
|                 | Males,   | . | 2,080  | 40          | 71          | 209      | —      | 265    | 23        | 119      | 33         | 388        | 1          | 78       | 93        | 502      | 258        |
|                 | Females, | . | 2,121  | 21          | 78          | 239      | 8      | 301    | 35        | 112      | 48         | 379        | 6          | 101      | 92        | 444      | 257        |
| Mar.            | Totals,  | . | 3,943  | 40          | 112         | 401      | 6      | 495    | 60        | 267      | 84         | 696        | 5          | 171      | 131       | 1,000    | 475        |
|                 | Males,   | . | 1,960  | 14          | 57          | 207      | 2      | 230    | 29        | 126      | 44         | 345        | 1          | 95       | 73        | 508      | 229        |
|                 | Females, | . | 1,983  | 26          | 55          | 194      | 4      | 265    | 31        | 141      | 40         | 351        | 4          | 76       | 58        | 492      | 246        |
| April.          | Totals,  | . | 3,888  | 36          | 116         | 376      | 5      | 458    | 53        | 212      | 67         | 742        | 6          | 165      | 149       | 1,033    | 470        |
|                 | Males,   | . | 1,967  | 20          | 44          | 205      | 4      | 229    | 23        | 97       | 31         | 392        | 3          | 88       | 82        | 543      | 206        |
|                 | Females, | . | 1,921  | 16          | 72          | 171      | 1      | 229    | 30        | 115      | 36         | 350        | 3          | 77       | 67        | 490      | 264        |
| May.            | Totals,  | . | 3,652  | 29          | 106         | 354      | 7      | 482    | 40        | 201      | 54         | 712        | 5          | 172      | 138       | 927      | 425        |
|                 | Males,   | . | 1,886  | 18          | 47          | 182      | 2      | 244    | 20        | 110      | 31         | 339        | 3          | 96       | 70        | 498      | 231        |
|                 | Females, | . | 1,766  | 11          | 59          | 172      | 5      | 238    | 20        | 91       | 23         | 373        | 2          | 76       | 68        | 434      | 194        |



|       |          |   |   |   |   |       |    |     |     |    |     |    |     |    |     |    |     |     |       |     |
|-------|----------|---|---|---|---|-------|----|-----|-----|----|-----|----|-----|----|-----|----|-----|-----|-------|-----|
| June. | Totals,  | . | . | . | . | 3,330 | 45 | 100 | 348 | 10 | 419 | 48 | 230 | 59 | 636 | 1  | 148 | 112 | 824   | 350 |
|       | Males,   | . | . | . | . | 1,756 | 28 | 52  | 178 | 6  | 214 | 26 | 128 | 34 | 344 | 1  | 75  | 73  | 425   | 172 |
|       | Females, | . | . | . | . | 1,574 | 17 | 48  | 170 | 4  | 205 | 22 | 102 | 25 | 292 | -  | 73  | 39  | 399   | 178 |
| July. | Totals,  | . | . | . | . | 4,334 | 36 | 136 | 558 | 8  | 547 | 45 | 245 | 69 | 843 | 3  | 178 | 134 | 1,052 | 480 |
|       | Males,   | . | . | . | . | 2,256 | 16 | 70  | 291 | 5  | 283 | 28 | 132 | 36 | 416 | 2  | 82  | 80  | 549   | 266 |
|       | Females, | . | . | . | . | 2,078 | 20 | 66  | 267 | 3  | 264 | 17 | 113 | 33 | 427 | 1  | 96  | 54  | 503   | 214 |
| Aug.  | Totals,  | . | . | . | . | 4,481 | 39 | 153 | 520 | 6  | 624 | 43 | 265 | 72 | 824 | 9  | 226 | 141 | 1,037 | 522 |
|       | Males,   | . | . | . | . | 2,330 | 22 | 77  | 277 | 3  | 301 | 25 | 141 | 31 | 436 | 5  | 128 | 72  | 535   | 277 |
|       | Females, | . | . | . | . | 2,151 | 17 | 76  | 243 | 3  | 323 | 18 | 124 | 41 | 388 | 4  | 98  | 69  | 502   | 245 |
| Sept. | Totals,  | . | . | . | . | 3,810 | 33 | 113 | 412 | 10 | 452 | 53 | 237 | 77 | 696 | 10 | 181 | 141 | 927   | 468 |
|       | Males,   | . | . | . | . | 1,974 | 15 | 56  | 208 | 6  | 237 | 28 | 120 | 41 | 349 | 4  | 100 | 77  | 473   | 260 |
|       | Females, | . | . | . | . | 1,836 | 18 | 57  | 204 | 4  | 215 | 25 | 117 | 36 | 347 | 6  | 81  | 64  | 454   | 208 |
| Oct.  | Totals,  | . | . | . | . | 3,471 | 33 | 101 | 311 | 5  | 399 | 43 | 233 | 69 | 665 | 9  | 172 | 111 | 896   | 424 |
|       | Males,   | . | . | . | . | 1,716 | 14 | 56  | 157 | 2  | 200 | 20 | 111 | 35 | 318 | 2  | 85  | 61  | 438   | 217 |
|       | Females, | . | . | . | . | 1,755 | 19 | 45  | 154 | 3  | 199 | 23 | 122 | 34 | 347 | 7  | 87  | 50  | 458   | 207 |
| Nov.  | Totals,  | . | . | . | . | 3,425 | 31 | 94  | 321 | 6  | 431 | 64 | 233 | 73 | 606 | 3  | 143 | 121 | 934   | 395 |
|       | Males,   | . | . | . | . | 1,742 | 12 | 46  | 166 | 2  | 219 | 31 | 102 | 38 | 306 | 1  | 77  | 65  | 482   | 195 |
|       | Females, | . | . | . | . | 1,683 | 19 | 48  | 155 | 4  | 212 | 33 | 101 | 35 | 300 | 2  | 66  | 56  | 452   | 200 |
| Dec.  | Totals,  | . | . | . | . | 3,994 | 29 | 92  | 331 | 4  | 472 | 50 | 229 | 85 | 821 | 5  | 199 | 130 | 1,110 | 437 |
|       | Males,   | . | . | . | . | 2,066 | 13 | 46  | 172 | 3  | 234 | 27 | 118 | 49 | 439 | 2  | 109 | 66  | 568   | 220 |
|       | Females, | . | . | . | . | 1,928 | 16 | 46  | 159 | 1  | 238 | 23 | 111 | 36 | 382 | 3  | 90  | 64  | 542   | 217 |

TABLE VIII.—DEATHS BY AGE AND SEX,

*Distinguishing by Age and Sex the Number of Deaths registered in Each Population, distinguishing Sex, according to the Census of 1895,—and*

| STATES AND COUNTIES. | Population.<br>Census<br>1895.      | SEX.               | Percentage of<br>Deaths to<br>Population. | No. of Deaths<br>Registered 1899. | Under<br>1               | 1<br>to<br>2            | 2<br>to<br>3        | 3<br>to<br>4      | 4<br>to<br>5      | 5<br>to<br>10       | 10<br>to<br>15    | 15<br>to<br>20      |
|----------------------|-------------------------------------|--------------------|---|-----------------------------------|--------------------------|-------------------------|---------------------|-------------------|-------------------|---------------------|-------------------|---------------------|
| Massachusetts, {     | 2,500,183<br>1,214,701<br>1,285,482 | Tot.<br>Ma.<br>Fe. | 1.91<br>.<br>.                            | 47,710<br>24,304<br>23,406        | 10,532<br>5,829<br>4,703 | 2,226<br>1,185<br>1,041 | 1,026<br>525<br>501 | 622<br>318<br>304 | 421<br>220<br>201 | 1,059<br>520<br>539 | 626<br>314<br>312 | 1,087<br>530<br>557 |
| Barnstable, . {      | 27,654<br>13,294<br>14,360          | Tot.<br>Ma.<br>Fe. | 1.67<br>.<br>.                            | 463<br>243<br>220                 | 54<br>35<br>19           | 10<br>6<br>4            | 7<br>5<br>2         | 8<br>6<br>2       | 2<br>-<br>2       | 13<br>4<br>9        | 5<br>3<br>2       | 9<br>7<br>2         |
| Berkshire, . {       | 86,292<br>42,525<br>43,767          | Tot.<br>Ma.<br>Fe. | 1.66<br>.<br>.                            | 1,436<br>691<br>745               | 302<br>161<br>141        | 54<br>32<br>22          | 18<br>11<br>7       | 14<br>6<br>8      | 5<br>2<br>3       | 24<br>9<br>15       | 22<br>9<br>13     | 36<br>16<br>20      |
| Bristol, . {         | 219,019<br>105,582<br>113,437       | Tot.<br>Ma.<br>Fe. | 2.21<br>.<br>.                            | 4,849<br>2,476<br>2,373           | 1,508<br>847<br>661      | 288<br>152<br>136       | 99<br>60<br>39      | 62<br>28<br>34    | 39<br>17<br>22    | 91<br>46<br>45      | 72<br>34<br>38    | 119<br>68<br>51     |
| Dukes, . {           | 4,238<br>2,057<br>2,181             | Tot.<br>Ma.<br>Fe. | 2.08<br>.<br>.                            | 88<br>44<br>44                    | 11<br>6<br>3             | 4<br>3<br>1             | -<br>1<br>-         | 1<br>-<br>-       | -<br>-<br>-       | -<br>-<br>-         | 2<br>1<br>1       | 2<br>-<br>2         |
| Essex, . {           | 330,393<br>161,913<br>168,480       | Tot.<br>Ma.<br>Fe. | 1.83<br>.<br>.                            | 6,057<br>2,985<br>3,072           | 1,312<br>715<br>597      | 296<br>161<br>135       | 135<br>69<br>66     | 87<br>37<br>50    | 60<br>31<br>29    | 139<br>79<br>60     | 84<br>45<br>39    | 127<br>55<br>72     |
| Franklin, . {        | 40,145<br>20,293<br>19,852          | Tot.<br>Ma.<br>Fe. | 1.55<br>.<br>.                            | 623<br>317<br>306                 | 82<br>44<br>38           | 17<br>12<br>5           | 9<br>6<br>3         | 4<br>-<br>4       | 3<br>-<br>3       | 11<br>4<br>7        | 8<br>5<br>3       | 10<br>3<br>7        |
| Hampden, . {         | 152,938<br>74,133<br>78,805         | Tot.<br>Ma.<br>Fe. | 1.89<br>.<br>.                            | 2,890<br>1,458<br>1,432           | 735<br>413<br>322        | 132<br>72<br>60         | 62<br>25<br>37      | 39<br>21<br>18    | 29<br>13<br>16    | 82<br>50<br>32      | 36<br>21<br>15    | 78<br>53<br>43      |
| Hampshire, . {       | 54,710<br>26,061<br>28,649          | Tot.<br>Ma.<br>Fe. | 1.65<br>.<br>.                            | 900<br>455<br>445                 | 138<br>78<br>60          | 15<br>8<br>8            | 17<br>8<br>9        | 9<br>6<br>3       | 5<br>-<br>5       | 16<br>7<br>9        | 9<br>3<br>6       | 17<br>10<br>7       |
| Middlesex, . {       | 499,217<br>239,323<br>259,894       | Tot.<br>Ma.<br>Fe. | 1.79<br>.<br>.                            | 8,954<br>4,528<br>4,426           | 1,953<br>1,104<br>849    | 399<br>211<br>188       | 184<br>92<br>92     | 120<br>70<br>50   | 83<br>42<br>41    | 189<br>92<br>97     | 130<br>68<br>62   | 190<br>96<br>94     |
| Nantucket, . {       | 3,016<br>1,315<br>1,701             | Tot.<br>Ma.<br>Fe. | 2.29<br>.<br>.                            | 69<br>29<br>40                    | 7<br>3<br>4              | 1<br>1<br>-             | 1<br>1<br>-         | 1<br>-<br>1       | -<br>-<br>-       | -<br>-<br>-         | -<br>-<br>-       | -<br>-<br>-         |
| Norfolk, . {         | 134,819<br>64,780<br>70,039         | Tot.<br>Ma.<br>Fe. | 1.61<br>.<br>.                            | 2,177<br>1,144<br>1,033           | 407<br>219<br>188        | 75<br>36<br>39          | 39<br>22<br>17      | 21<br>11<br>10    | 8<br>7<br>1       | 43<br>18<br>25      | 26<br>11<br>15    | 56<br>30<br>26      |
| Plymouth, . {        | 101,498<br>50,694<br>50,804         | Tot.<br>Ma.<br>Fe. | 1.68<br>.<br>.                            | 1,708<br>934<br>774               | 240<br>140<br>100        | 37<br>21<br>16          | 33<br>16<br>17      | 12<br>7<br>5      | 10<br>5<br>5      | 32<br>20<br>12      | 23<br>11<br>12    | 43<br>21<br>22      |
| Suffolk, . {         | 539,799<br>260,675<br>279,124       | Tot.<br>Ma.<br>Fe. | 2.21<br>.<br>.                            | 11,946<br>6,160<br>5,786          | 2,564<br>1,402<br>1,162  | 682<br>351<br>331       | 308<br>151<br>157   | 174<br>88<br>86   | 119<br>74<br>45   | 280<br>127<br>153   | 133<br>64<br>69   | 278<br>133<br>145   |
| Worcester, . {       | 306,445<br>152,056<br>154,389       | Tot.<br>Ma.<br>Fe. | 1.81<br>.<br>.                            | 5,550<br>2,840<br>2,710           | 1,219<br>662<br>557      | 216<br>120<br>96        | 114<br>59<br>55     | 70<br>37<br>33    | 58<br>29<br>29    | 139<br>64<br>75     | 76<br>39<br>37    | 122<br>56<br>66     |

## AND BY COUNTIES.—1899.

*County and in the State during the Year 1899,—in Connection with the also with the Percentage of the Registered Number of Deaths to the Population.*

| 20<br>to<br>25      | 25<br>to<br>30          | 30<br>to<br>35        | 35<br>to<br>40        | 40<br>to<br>45      | 45<br>to<br>50      | 50<br>to<br>55        | 55<br>to<br>60          | 60<br>to<br>65          | 65<br>to<br>70          | 70<br>to<br>75          | 75<br>to<br>80          | 80<br>to<br>85        | 85<br>to<br>90      | 90<br>to<br>95    | 95<br>to<br>100 | 100<br>and over. | Unknown.      |
|---------------------|-------------------------|-----------------------|-----------------------|---------------------|---------------------|-----------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-----------------------|---------------------|-------------------|-----------------|------------------|---------------|
| 1,742<br>837<br>905 | 2,013<br>1,010<br>1,003 | 1,935<br>1,027<br>908 | 1,973<br>1,064<br>909 | 1,733<br>896<br>837 | 1,873<br>990<br>883 | 2,095<br>1,097<br>998 | 2,297<br>1,142<br>1,155 | 2,514<br>1,296<br>1,218 | 2,732<br>1,317<br>1,415 | 2,774<br>1,299<br>1,475 | 2,725<br>1,336<br>1,389 | 1,946<br>895<br>1,051 | 1,159<br>460<br>699 | 427<br>137<br>290 | 122<br>32<br>90 | 21<br>5<br>16    | 30<br>23<br>7 |
| 8<br>3<br>5         | 12<br>5<br>7            | 17<br>14<br>3         | 12<br>11<br>1         | 15<br>6<br>9        | 7<br>3<br>4         | 22<br>11<br>11        | 29<br>13<br>16          | 21<br>11<br>10          | 39<br>25<br>14          | 36<br>15<br>21          | 53<br>25<br>28          | 49<br>23<br>26        | 23<br>6<br>17       | 11<br>5<br>6      | 1<br>1<br>-     | -<br>-<br>-      | -<br>-<br>-   |
| 50<br>19<br>31      | 46<br>22<br>30          | 63<br>33<br>30        | 43<br>18<br>25        | 46<br>19<br>27      | 54<br>30<br>24      | 50<br>19<br>31        | 58<br>30<br>28          | 73<br>34<br>39          | 103<br>54<br>49         | 111<br>63<br>66         | 117<br>45<br>54         | 69<br>29<br>40        | 44<br>18<br>26      | 23<br>9<br>14     | 7<br>1<br>7     | 1<br>-<br>1      | 3<br>3<br>-   |
| 167<br>80<br>87     | 181<br>97<br>84         | 141<br>67<br>74       | 178<br>100<br>78      | 134<br>69<br>65     | 150<br>76<br>74     | 222<br>105<br>117     | 216<br>95<br>121        | 232<br>112<br>120       | 217<br>112<br>105       | 219<br>101<br>118       | 204<br>94<br>110        | 156<br>69<br>87       | 100<br>40<br>60     | 39<br>12<br>27    | 11<br>3<br>8    | 3<br>1<br>2      | 1<br>1<br>-   |
| 5<br>3<br>2         | 4<br>2<br>2             | 3<br>1<br>2           | 1<br>-<br>1           | 3<br>1<br>2         | 4<br>3<br>1         | -<br>-<br>-           | 5<br>1<br>4             | 4<br>2<br>2             | 5<br>-<br>5             | 8<br>5<br>3             | 10<br>6<br>4            | 8<br>5<br>3           | 5<br>3<br>2         | 2<br>1<br>1       | 1<br>-<br>1     | -<br>-<br>-      | -<br>-<br>-   |
| 221<br>109<br>112   | 213<br>108<br>105       | 226<br>115<br>111     | 241<br>118<br>123     | 199<br>97<br>102    | 235<br>111<br>124   | 251<br>121<br>130     | 288<br>137<br>151       | 324<br>162<br>162       | 357<br>172<br>185       | 386<br>161<br>225       | 354<br>170<br>184       | 249<br>109<br>140     | 173<br>74<br>99     | 70<br>21<br>49    | 21<br>5<br>16   | 3<br>-<br>3      | 6<br>3<br>3   |
| 27<br>12<br>15      | 20<br>10<br>10          | 12<br>4<br>8          | 16<br>6<br>10         | 16<br>11<br>5       | 27<br>10<br>17      | 24<br>14<br>10        | 32<br>18<br>21          | 43<br>26<br>31          | 57<br>49<br>23          | 46<br>37<br>23          | 55<br>31<br>18          | 58<br>27<br>27        | 28<br>9<br>19       | 9<br>3<br>7       | 4<br>1<br>1     | 1<br>-<br>-      | 1<br>1<br>-   |
| 123<br>56<br>67     | 124<br>60<br>64         | 106<br>55<br>51       | 116<br>58<br>58       | 84<br>44<br>44      | 109<br>53<br>56     | 109<br>57<br>52       | 114<br>73<br>61         | 147<br>73<br>74         | 171<br>79<br>97         | 139<br>65<br>69         | 142<br>77<br>77         | 125<br>61<br>68       | 61<br>27<br>34      | 17<br>16<br>11    | 7<br>1<br>6     | 1<br>1<br>-      | 2<br>2<br>-   |
| 21<br>11<br>10      | 40<br>26<br>14          | 24<br>21<br>3         | 35<br>13<br>22        | 32<br>8<br>16       | 25<br>10<br>17      | 35<br>17<br>18        | 50<br>23<br>27          | 52<br>30<br>22          | 75<br>30<br>45          | 79<br>43<br>36          | 87<br>46<br>41          | 58<br>27<br>31        | 40<br>20<br>20      | 16<br>4<br>12     | 5<br>1<br>4     | -<br>-<br>-      | -<br>-<br>-   |
| 355<br>174<br>181   | 386<br>187<br>199       | 380<br>176<br>204     | 367<br>175<br>192     | 313<br>162<br>151   | 350<br>192<br>158   | 370<br>194<br>176     | 441<br>220<br>221       | 464<br>237<br>253       | 543<br>240<br>275       | 515<br>245<br>282       | 527<br>245<br>282       | 376<br>170<br>206     | 207<br>87<br>120    | 87<br>32<br>55    | 16<br>6<br>10   | 5<br>-<br>5      | 4<br>3<br>-   |
| 1<br>-<br>1         | -<br>-<br>-             | -<br>-<br>-           | 1<br>-<br>-           | 2<br>-<br>2         | 4<br>2<br>2         | 1<br>1<br>-           | 2<br>1<br>1             | 3<br>1<br>2             | 5<br>1<br>4             | 8<br>2<br>8             | 10<br>6<br>3            | 9<br>3<br>6           | 9<br>3<br>6         | 2<br>2<br>2       | 2<br>-<br>-     | -<br>-<br>-      | -<br>-<br>-   |
| 78<br>42<br>36      | 93<br>49<br>44          | 74<br>42<br>32        | 78<br>45<br>33        | 74<br>37<br>37      | 74<br>44<br>30      | 117<br>66<br>51       | 101<br>55<br>46         | 124<br>63<br>61         | 124<br>65<br>59         | 170<br>90<br>80         | 163<br>88<br>75         | 120<br>74<br>56       | 73<br>28<br>45      | 26<br>7<br>19     | 6<br>1<br>5     | 1<br>-<br>1      | 6<br>4<br>2   |
| 57<br>33<br>24      | 62<br>30<br>32          | 40<br>19<br>21        | 61<br>36<br>25        | 62<br>46<br>22      | 62<br>46<br>16      | 69<br>53<br>27        | 89<br>52<br>36          | 94<br>52<br>42          | 135<br>68<br>67         | 160<br>87<br>73         | 156<br>84<br>72         | 112<br>55<br>57       | 85<br>33<br>52      | 28<br>12<br>16    | 4<br>2<br>2     | -<br>-<br>-      | 2<br>1<br>1   |
| 448<br>213<br>235   | 618<br>325<br>293       | 639<br>373<br>266     | 638<br>372<br>266     | 574<br>305<br>269   | 567<br>310<br>257   | 596<br>329<br>267     | 599<br>310<br>289       | 603<br>315<br>288       | 591<br>279<br>312       | 555<br>241<br>314       | 453<br>208<br>245       | 291<br>122<br>169     | 160<br>48<br>112    | 53<br>14<br>39    | 17<br>3<br>14   | 4<br>1<br>3      | 2<br>1<br>-   |
| 181<br>82<br>99     | 214<br>99<br>115        | 210<br>107<br>103     | 186<br>111<br>75      | 179<br>102<br>86    | 205<br>102<br>103   | 229<br>121<br>108     | 273<br>133<br>140       | 330<br>182<br>148       | 310<br>158<br>152       | 339<br>171<br>168       | 394<br>203<br>191       | 266<br>128<br>138     | 151<br>64<br>87     | 44<br>12<br>32    | 20<br>4<br>16   | 2<br>1<br>1      | 3<br>3<br>-   |

TABLE VIII. — SUPPLEMENT A.

| CITIES.           | Population<br>Census<br>1895. | SEX.               | Percentage of<br>Deaths to<br>Population. | No. of Deaths<br>Registered 1899. | Under<br>1              | 1<br>to<br>2      | 2<br>to<br>3      | 3<br>to<br>4    | 4<br>to<br>5    | 5<br>to<br>10     | 10<br>to<br>15  | 15<br>to<br>20    |
|-------------------|-------------------------------|--------------------|---|-----------------------------------|-------------------------|-------------------|-------------------|-----------------|-----------------|-------------------|-----------------|-------------------|
| Beverly, . . .    | 11,806                        | Tot.<br>Ma.<br>Fe. | 1·65<br>.<br>.                            | 195<br>84<br>111                  | 40<br>16<br>24          | 9<br>4<br>5       | 3<br>2<br>1       | 2<br>-<br>2     | 3<br>3<br>-     | 5<br>3<br>2       | 4<br>1<br>3     | 5<br>2<br>3       |
| Boston, . . .     | 496,920                       | Tot.<br>Ma.<br>Fe. | 2·25<br>.<br>.                            | 11,174<br>5,765<br>5,409          | 2,401<br>1,326<br>1,075 | 634<br>327<br>307 | 298<br>146<br>152 | 167<br>86<br>81 | 112<br>72<br>40 | 268<br>127<br>141 | 119<br>55<br>64 | 262<br>126<br>136 |
| Brockton, . . .   | 33,165                        | Tot.<br>Ma.<br>Fe. | 1·39<br>.<br>.                            | 462<br>250<br>212                 | 100<br>64<br>36         | 15<br>10<br>5     | 16<br>6<br>10     | 4<br>3<br>1     | 4<br>3<br>1     | 17<br>5<br>8      | 5<br>3<br>2     | 17<br>10<br>7     |
| Cambridge, . . .  | 81,643                        | Tot.<br>Ma.<br>Fe. | 1·87<br>.<br>.                            | 1,525<br>750<br>775               | 377<br>192<br>185       | 89<br>48<br>41    | 44<br>27<br>17    | 26<br>16<br>10  | 16<br>6<br>10   | 54<br>24<br>30    | 20<br>14<br>6   | 32<br>11<br>21    |
| Chelsea, . . .    | 31,264                        | Tot.<br>Ma.<br>Fe. | 1·92<br>.<br>.                            | 601<br>312<br>289                 | 119<br>57<br>62         | 38<br>15<br>23    | 11<br>6<br>5      | 6<br>2<br>4     | 3<br>1<br>2     | 15<br>5<br>10     | 2<br>2<br>-     | 11<br>6<br>5      |
| Chicopee, . . .   | 16,420                        | Tot.<br>Ma.<br>Fe. | 2·21<br>.<br>.                            | 363<br>186<br>177                 | 126<br>75<br>51         | 18<br>12<br>6     | 7<br>4<br>3       | 7<br>5<br>2     | 1<br>-<br>1     | 8<br>3<br>5       | 6<br>5<br>1     | 7<br>3<br>4       |
| Everett, . . .    | 18,573                        | Tot.<br>Ma.<br>Fe. | 1·91<br>.<br>.                            | 354<br>164<br>190                 | 91<br>52<br>39          | 15<br>8<br>7      | 13<br>4<br>9      | 6<br>3<br>3     | 4<br>2<br>2     | 9<br>4<br>5       | 7<br>4<br>3     | 6<br>2<br>4       |
| Fall River, . . . | 89,203                        | Tot.<br>Ma.<br>Fe. | 2·42<br>.<br>.                            | 2,157<br>1,081<br>1,076           | 869<br>466<br>403       | 173<br>85<br>88   | 48<br>28<br>20    | 29<br>17<br>12  | 17<br>8<br>9    | 36<br>18<br>18    | 37<br>19<br>18  | 53<br>28<br>25    |
| Fitchburg, . . .  | 26,409                        | Tot.<br>Ma.<br>Fe. | 1·56<br>.<br>.                            | 413<br>208<br>205                 | 119<br>60<br>59         | 20<br>13<br>7     | 7<br>5<br>2       | 5<br>2<br>2     | 5<br>2<br>3     | 19<br>9<br>10     | 7<br>3<br>4     | 8<br>4<br>4       |
| Gloucester, . . . | 28,211                        | Tot.<br>Ma.<br>Fe. | 1·40<br>.<br>.                            | 394<br>221<br>173                 | 82<br>39<br>43          | 19<br>9<br>10     | 8<br>4<br>4       | 3<br>1<br>2     | 13<br>7<br>6    | 15<br>10<br>5     | 6<br>4<br>2     | 7<br>4<br>3       |
| Haverhill, . . .  | 34,945                        | Tot.<br>Ma.<br>Fe. | 1·58<br>.<br>.                            | 552<br>265<br>287                 | 104<br>52<br>52         | 20<br>13<br>7     | 14<br>8<br>10     | 13<br>3<br>6    | 7<br>4<br>3     | 10<br>5<br>5      | 9<br>4<br>5     | 8<br>1<br>7       |
| Holyoke, . . .    | 40,322                        | Tot.<br>Ma.<br>Fe. | 1·80<br>.<br>.                            | 727<br>376<br>351                 | 257<br>152<br>105       | 35<br>21<br>14    | 9<br>5<br>4       | 12<br>7<br>5    | 4<br>2<br>2     | 20<br>15<br>5     | 12<br>8<br>4    | 25<br>9<br>16     |
| Lawrence, . . .   | 52,164                        | Tot.<br>Ma.<br>Fe. | 2·37<br>.<br>.                            | 1,235<br>596<br>639               | 404<br>224<br>180       | 82<br>37<br>45    | 36<br>15<br>21    | 27<br>13<br>14  | 15<br>6<br>9    | 41<br>19<br>22    | 13<br>5<br>8    | 27<br>9<br>18     |
| Lowell, . . .     | 84,367                        | Tot.<br>Ma.<br>Fe. | 2·19<br>.<br>.                            | 1,851<br>917<br>934               | 555<br>326<br>229       | 112<br>53<br>59   | 46<br>20<br>26    | 34<br>18<br>16  | 28<br>15<br>13  | 37<br>17<br>20    | 20<br>6<br>14   | 45<br>20<br>25    |
| Lynn, . . .       | 62,354                        | Tot.<br>Ma.<br>Fe. | 1·66<br>.<br>.                            | 1,034<br>527<br>507               | 189<br>104<br>85        | 46<br>28<br>18    | 18<br>9<br>9      | 11<br>3<br>8    | 8<br>6<br>2     | 24<br>19<br>5     | 18<br>9<br>9    | 22<br>8<br>14     |
| Malden . . .      | 29,708                        | Tot.<br>Ma.<br>Fe. | 1·59<br>.<br>.                            | 473<br>236<br>237                 | 100<br>61<br>39         | 19<br>11<br>8     | 12<br>6<br>6      | 4<br>3<br>1     | 3<br>1<br>2     | 7<br>3<br>4       | 6<br>4<br>2     | 11<br>9<br>2      |
| Marlborough . .   | 14,977                        | Tot.<br>Ma.<br>Fe. | 1·48<br>.<br>.                            | 221<br>119<br>102                 | 52<br>33<br>19          | 8<br>2<br>6       | 4<br>2<br>2       | 4<br>-<br>-     | -<br>-<br>3     | 6<br>3<br>1       | 2<br>1<br>1     | 5<br>4<br>1       |
| Medford, . . .    | 14,474                        | Tot.<br>Ma.<br>Fe. | 1·51<br>.<br>.                            | 218<br>115<br>103                 | 43<br>24<br>19          | 8<br>6<br>2       | 5<br>2<br>3       | 2<br>1<br>1     | 4<br>2<br>2     | 7<br>7<br>-       | 3<br>2<br>1     | 4<br>3<br>1       |
| New Bedford, . .  | 55,251                        | Tot.<br>Ma.<br>Fe. | 2·13<br>.<br>.                            | 1,179<br>601<br>578               | 362<br>212<br>150       | 57<br>33<br>24    | 34<br>22<br>12    | 18<br>5<br>13   | 8<br>3<br>5     | 26<br>13<br>13    | 19<br>13<br>11  | 27<br>14<br>13    |

## DEATHS BY AGE AND SEX, AND BY CITIES. — 1899.

| 20<br>to<br>25    | 25<br>to<br>30    | 30<br>to<br>35    | 35<br>to<br>40    | 40<br>to<br>45    | 45<br>to<br>50    | 50<br>to<br>55    | 55<br>to<br>60    | 60<br>to<br>65    | 65<br>to<br>70    | 70<br>to<br>75    | 75<br>to<br>80    | 80<br>to<br>85    | 85<br>to<br>90   | 90<br>to<br>95 | 95<br>to<br>100 | 100 and over | Unknown.    |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|----------------|-----------------|--------------|-------------|
| 4<br>1<br>3       | 7<br>3<br>4       | 9<br>2<br>7       | 4<br>2<br>3       | 7<br>4<br>3       | 2<br>2<br>-       | 8<br>1<br>7       | 10<br>5<br>3      | 10<br>7<br>3      | 14<br>5<br>9      | 16<br>5<br>11     | 12<br>8<br>4      | 9<br>4<br>5       | 6<br>3<br>3      | 4<br>-<br>4    | 2<br>1<br>1     | -<br>1<br>-  | -<br>1<br>- |
| 423<br>201<br>222 | 586<br>309<br>277 | 614<br>358<br>256 | 606<br>355<br>251 | 541<br>294<br>248 | 541<br>293<br>248 | 560<br>308<br>252 | 551<br>275<br>276 | 556<br>284<br>272 | 540<br>253<br>287 | 513<br>222<br>291 | 401<br>178<br>223 | 265<br>107<br>158 | 145<br>44<br>101 | 48<br>13<br>35 | 18<br>4<br>14   | 4<br>1<br>3  | 1<br>1<br>- |
| 23<br>11<br>12    | 28<br>12<br>16    | 15<br>4<br>11     | 28<br>13<br>15    | 19<br>12<br>7     | 13<br>9<br>4      | 18<br>12<br>6     | 18<br>11<br>7     | 20<br>10<br>10    | 28<br>17<br>11    | 26<br>13<br>15    | 21<br>13<br>8     | 12<br>4<br>8      | 12<br>2<br>10    | 3<br>1<br>2    | -<br>-<br>-     | -<br>-<br>-  | -<br>-<br>- |
| 55<br>21<br>34    | 72<br>34<br>38    | 58<br>31<br>25    | 63<br>31<br>32    | 45<br>22<br>23    | 43<br>22<br>21    | 61<br>34<br>27    | 66<br>38<br>28    | 65<br>31<br>34    | 94<br>41<br>53    | 66<br>29<br>37    | 68<br>22<br>36    | 51<br>13<br>29    | 37<br>13<br>24   | 18<br>7<br>11  | 2<br>1<br>1     | 1<br>1<br>1  | 2<br>1<br>1 |
| 24<br>11<br>13    | 27<br>13<br>14    | 21<br>13<br>8     | 22<br>14<br>8     | 26<br>9<br>17     | 21<br>9<br>7      | 30<br>14<br>13    | 39<br>31<br>8     | 40<br>25<br>15    | 40<br>31<br>20    | 32<br>26<br>20    | 43<br>18<br>17    | 18<br>3<br>8      | 11<br>2<br>2     | -<br>-<br>-    | -<br>-<br>-     | -<br>-<br>-  | -<br>-<br>- |
| 15<br>5<br>10     | 20<br>11<br>9     | 9<br>8<br>2       | 12<br>8<br>4      | 18<br>7<br>10     | 11<br>1<br>10     | 8<br>5<br>3       | 10<br>4<br>6      | 20<br>8<br>12     | 19<br>5<br>14     | 16<br>6<br>9      | 11<br>2<br>5      | 7<br>1<br>5       | 3<br>-<br>2      | 3<br>3<br>3    | 1<br>-<br>1     | -<br>-<br>-  | -<br>-<br>- |
| 17<br>8<br>9      | 17<br>5<br>12     | 13<br>5<br>10     | 17<br>7<br>10     | 10<br>4<br>6      | 22<br>10<br>12    | 11<br>7<br>7      | 17<br>4<br>10     | 9<br>5<br>5       | 18<br>9<br>9      | 15<br>6<br>6      | 15<br>3<br>9      | 9<br>1<br>6       | 5<br>1<br>4      | 6<br>3<br>3    | 1<br>-<br>1     | 1<br>-<br>1  | -<br>-<br>- |
| 72<br>33<br>39    | 79<br>32<br>47    | 59<br>29<br>34    | 78<br>44<br>34    | 57<br>23<br>37    | 68<br>31<br>37    | 76<br>35<br>41    | 87<br>37<br>50    | 100<br>43<br>40   | 70<br>30<br>39    | 69<br>18<br>21    | 39<br>9<br>15     | 24<br>6<br>8      | 14<br>1<br>2     | 3<br>1<br>8    | -<br>-<br>-     | -<br>-<br>-  | -<br>-<br>- |
| 12<br>3<br>9      | 19<br>5<br>14     | 17<br>10<br>7     | 9<br>8<br>1       | 11<br>8<br>3      | 12<br>4<br>8      | 21<br>12<br>9     | 21<br>12<br>9     | 21<br>12<br>12    | 16<br>9<br>6      | 18<br>10<br>6     | 11<br>9<br>9      | 7<br>2<br>3       | 7<br>4<br>1      | 2<br>1<br>1    | 2<br>-<br>2     | -<br>-<br>-  | -<br>-<br>- |
| 16<br>9<br>7      | 18<br>12<br>6     | 21<br>13<br>8     | 21<br>14<br>7     | 18<br>13<br>5     | 18<br>15<br>3     | 21<br>14<br>7     | 12<br>6<br>6      | 24<br>11<br>13    | 8<br>2<br>6       | 25<br>10<br>15    | 19<br>14<br>5     | 13<br>5<br>8      | 5<br>2<br>1      | 2<br>1<br>1    | -<br>-<br>-     | -<br>-<br>-  | -<br>-<br>- |
| 22<br>12<br>9     | 26<br>12<br>14    | 24<br>17<br>7     | 30<br>14<br>16    | 21<br>8<br>13     | 24<br>12<br>12    | 30<br>12<br>22    | 33<br>19<br>14    | 25<br>16<br>13    | 29<br>16<br>13    | 39<br>10<br>23    | 24<br>12<br>14    | 21<br>5<br>9      | 13<br>1<br>8     | 5<br>1<br>4    | 1<br>-<br>1     | -<br>-<br>-  | -<br>-<br>- |
| 35<br>16<br>19    | 36<br>16<br>20    | 30<br>11<br>19    | 28<br>10<br>18    | 18<br>7<br>11     | 25<br>9<br>16     | 26<br>16<br>10    | 29<br>14<br>15    | 30<br>15<br>15    | 32<br>13<br>19    | 16<br>8<br>8      | 20<br>10<br>13    | 18<br>5<br>2      | 7<br>-<br>2      | 2<br>-<br>2    | 1<br>-<br>1     | -<br>-<br>-  | -<br>-<br>- |
| 49<br>20<br>29    | 53<br>25<br>28    | 46<br>20<br>26    | 47<br>24<br>23    | 35<br>15<br>20    | 47<br>22<br>25    | 37<br>26<br>18    | 67<br>29<br>41    | 54<br>22<br>25    | 51<br>14<br>29    | 32<br>13<br>18    | 32<br>9<br>19     | 16<br>7<br>7      | 18<br>9<br>9     | 3<br>1<br>2    | 2<br>-<br>2     | 1<br>-<br>1  | -<br>-<br>- |
| 86<br>40<br>46    | 77<br>39<br>38    | 81<br>34<br>47    | 77<br>32<br>45    | 65<br>31<br>34    | 68<br>38<br>30    | 82<br>41<br>41    | 89<br>35<br>54    | 68<br>30<br>45    | 76<br>31<br>44    | 72<br>28<br>38    | 63<br>24<br>39    | 34<br>12<br>22    | 26<br>13<br>13   | 6<br>3<br>3    | 3<br>1<br>2     | 1<br>-<br>1  | -<br>-<br>- |
| 41<br>21<br>20    | 41<br>25<br>16    | 46<br>24<br>22    | 59<br>28<br>31    | 41<br>18<br>23    | 55<br>20<br>35    | 46<br>22<br>24    | 50<br>26<br>24    | 63<br>34<br>29    | 62<br>35<br>27    | 74<br>36<br>38    | 46<br>27<br>19    | 33<br>13<br>16    | 24<br>8<br>10    | 13<br>3<br>5   | 4<br>-<br>3     | -<br>1<br>-  | -<br>-<br>- |
| 16<br>7<br>9      | 15<br>3<br>12     | 15<br>6<br>15     | 19<br>7<br>12     | 23<br>10<br>13    | 26<br>15<br>11    | 20<br>13<br>7     | 28<br>15<br>13    | 25<br>9<br>16     | 29<br>15<br>14    | 33<br>21<br>14    | 33<br>13<br>20    | 22<br>5<br>10     | 8<br>1<br>3      | 5<br>1<br>4    | -<br>-<br>-     | -<br>-<br>-  | -<br>-<br>- |
| 13<br>4<br>9      | 10<br>5<br>5      | 10<br>3<br>1      | 11<br>5<br>4      | 4<br>2<br>2       | 9<br>3<br>2       | 3<br>1<br>4       | 6<br>3<br>3       | 15<br>11<br>4     | 13<br>7<br>6      | 13<br>5<br>9      | 15<br>6<br>8      | 11<br>3<br>5      | 4<br>2<br>5      | 3<br>1<br>1    | -<br>-<br>-     | -<br>-<br>-  | -<br>-<br>- |
| 8<br>3            | 10<br>5<br>5      | 4<br>3<br>1       | 7<br>3<br>4       | 9<br>7<br>2       | 7<br>5<br>2       | 18<br>6<br>4      | 9<br>5<br>12      | 11<br>5<br>4      | 13<br>5<br>6      | 15<br>3<br>8      | 15<br>3<br>12     | 12<br>7<br>5      | 9<br>4<br>5      | 1<br>-<br>1    | -<br>-<br>-     | -<br>-<br>-  | -<br>-<br>- |
| 49<br>20<br>30    | 42<br>20<br>22    | 22<br>6<br>16     | 39<br>20<br>19    | 32<br>15<br>17    | 36<br>17<br>19    | 54<br>27<br>27    | 57<br>29<br>28    | 44<br>32<br>18    | 57<br>22<br>25    | 47<br>32<br>25    | 61<br>21<br>40    | 42<br>12<br>20    | 28<br>12<br>16   | 12<br>2<br>10  | 3<br>-<br>3     | 2<br>-<br>2  | 1<br>1<br>- |

TABLE VIII. — SUPPLEMENT A. — Concluded.

| CITIES.           | Population.<br>Census<br>1895. | SEX.               | Percentage of<br>Deaths to<br>Population. | No. of Deaths<br>Registered 1899. | Under<br>1        | 1<br>to<br>2   | 2<br>to<br>3   | 3<br>to<br>4   | 4<br>to<br>5  | 5<br>to<br>10  | 10<br>to<br>15 | 15<br>to<br>20 |
|-------------------|--------------------------------|--------------------|---|-----------------------------------|-------------------|----------------|----------------|----------------|---------------|----------------|----------------|----------------|
| Newburyport, .    | 14,552                         | Tot.<br>Ma.<br>Fe. | 1·88<br>.<br>.                            | 274<br>119<br>155                 | 36<br>20<br>16    | 14<br>7<br>7   | 10<br>5<br>5   | 4<br>3<br>1    | 2<br>—<br>2   | 3<br>1<br>3    | 2<br>1<br>1    | 6<br>2<br>4    |
| Newton, . . .     | 27,590                         | Tot.<br>Ma.<br>Fe. | 1·60<br>.<br>.                            | 443<br>231<br>212                 | 95<br>61<br>34    | 26<br>12<br>14 | 6<br>4<br>2    | 7<br>4<br>3    | 5<br>4<br>1   | 8<br>4<br>4    | 11<br>5<br>6   | 10<br>9<br>1   |
| North Adams, .    | 19,135                         | Tot.<br>Ma.<br>Fe. | 1·60<br>.<br>.                            | 306<br>140<br>166                 | 84<br>42<br>42    | 18<br>10<br>8  | 9<br>8<br>1    | 1<br>—<br>1    | —<br>2<br>—   | 4<br>2<br>2    | 6<br>2<br>4    | 11<br>4<br>7   |
| Northampton, .    | 16,746                         | Tot.<br>Ma.<br>Fe. | 1·79<br>.<br>.                            | 299<br>154<br>145                 | 31<br>20<br>11    | 5<br>2<br>3    | 3<br>—<br>1    | 2<br>1<br>1    | 1<br>—<br>1   | 3<br>1<br>2    | 5<br>3<br>2    | 3<br>1<br>2    |
| Pittsfield, . . . | 20,461                         | Tot.<br>Ma.<br>Fe. | 1·61<br>.<br>.                            | 330<br>146<br>184                 | 59<br>29<br>30    | 11<br>6<br>5   | 1<br>—<br>1    | 4<br>1<br>3    | 1<br>—<br>1   | 5<br>1<br>4    | 6<br>4<br>2    | 8<br>3<br>5    |
| Quincy, . . .     | 20,712                         | Tot.<br>Ma.<br>Fe. | 1·72<br>.<br>.                            | 357<br>194<br>163                 | 108<br>48<br>60   | 19<br>8<br>11  | 11<br>7<br>4   | 5<br>2<br>3    | —<br>—<br>—   | 7<br>3<br>4    | 7<br>5<br>3    | 6<br>6<br>3    |
| Salem, . . .      | 34,473                         | Tot.<br>Ma.<br>Fe. | 2·07<br>.<br>.                            | 713<br>375<br>338                 | 198<br>124<br>74  | 45<br>28<br>17 | 22<br>13<br>9  | 9<br>4<br>5    | 5<br>2<br>3   | 8<br>4<br>4    | 10<br>5<br>5   | 11<br>4<br>7   |
| Somerville, . .   | 52,200                         | Tot.<br>Ma.<br>Fe. | 1·53<br>.<br>.                            | 801<br>392<br>409                 | 171<br>96<br>75   | 41<br>27<br>14 | 15<br>7<br>2   | 9<br>7<br>2    | 6<br>6<br>8   | 13<br>5<br>8   | 7<br>1<br>6    | 13<br>8<br>5   |
| Springfield, . .  | 51,522                         | Tot.<br>Ma.<br>Fe. | 1·88<br>.<br>.                            | 967<br>458<br>509                 | 177<br>90<br>87   | 45<br>21<br>24 | 26<br>11<br>15 | 13<br>6<br>7   | 16<br>20<br>9 | 31<br>7<br>11  | 6<br>3<br>3    | 28<br>13<br>15 |
| Taunton, . . .    | 27,115                         | Tot.<br>Ma.<br>Fe. | 2·47<br>.<br>.                            | 671<br>368<br>303                 | 133<br>86<br>47   | 26<br>16<br>10 | 9<br>2<br>7    | 4<br>1<br>3    | 5<br>2<br>3   | 14<br>6<br>8   | 8<br>3<br>5    | 16<br>11<br>5  |
| Waltham, . . .    | 20,876                         | Tot.<br>Ma.<br>Fe. | 1·55<br>.<br>.                            | 324<br>142<br>182                 | 56<br>32<br>24    | 8<br>4<br>4    | 7<br>—<br>3    | 1<br>—<br>1    | —<br>4<br>—   | 6<br>4<br>2    | 15<br>10<br>5  | 11<br>5<br>6   |
| Woburn, . . .     | 14,178                         | Tot.<br>Ma.<br>Fe. | 1·66<br>.<br>.                            | 236<br>119<br>117                 | 54<br>28<br>26    | 16<br>6<br>10  | 5<br>1<br>4    | 4<br>—<br>4    | 2<br>1<br>1   | 3<br>1<br>2    | 2<br>2<br>—    | 4<br>3<br>1    |
| Worcester, . . .  | 98,767                         | Tot.<br>Ma.<br>Fe. | 1·86<br>.<br>.                            | 1,837<br>953<br>884               | 422<br>239<br>183 | 67<br>40<br>27 | 31<br>15<br>16 | 30<br>18<br>12 | 14<br>2<br>12 | 42<br>17<br>25 | 30<br>16<br>14 | 45<br>20<br>25 |

## SUPPLEMENT B. — DEATHS IN 53 TOWNS

|  |         |                    |                |                         |                     |                   |                 |                |                |                 |                |                 |
|--|---------|--------------------|----------------|-------------------------|---------------------|-------------------|-----------------|----------------|----------------|-----------------|----------------|-----------------|
| 53 towns of over<br>5,000 population,<br>census of 1895. | 398,754 | Tot.<br>Ma.<br>Fe. | 1·69<br>.<br>. | 6,740<br>3,399<br>3,341 | 1,359<br>733<br>626 | 246<br>130<br>116 | 136<br>73<br>63 | 76<br>38<br>38 | 62<br>32<br>30 | 153<br>75<br>78 | 95<br>46<br>49 | 166<br>79<br>87 |
|--|---------|--------------------|----------------|-------------------------|---------------------|-------------------|-----------------|----------------|----------------|-----------------|----------------|-----------------|

## SUPPLEMENT C. — DEATHS IN 268 TOWNS

|   |         |                    |                |                         |                     |                  |                 |                |                |                 |                 |                 |
|---|---------|--------------------|----------------|-------------------------|---------------------|------------------|-----------------|----------------|----------------|-----------------|-----------------|-----------------|
| 268 towns under<br>5,000 population,<br>census of 1895. | 465,662 | Tot.<br>Ma.<br>Fe. | 1·78<br>.<br>. | 8,284<br>4,341<br>3,943 | 1,159<br>646<br>513 | 222<br>133<br>89 | 102<br>53<br>49 | 73<br>40<br>33 | 47<br>20<br>27 | 135<br>64<br>71 | 101<br>52<br>49 | 167<br>92<br>75 |
|---|---------|--------------------|----------------|-------------------------|---------------------|------------------|-----------------|----------------|----------------|-----------------|-----------------|-----------------|

## DEATHS BY AGE AND SEX, AND BY CITIES. — 1899.

| 20<br>to<br>25 | 25<br>to<br>30 | 30<br>to<br>35 | 35<br>to<br>40 | 40<br>to<br>45 | 45<br>to<br>50 | 50<br>to<br>55 | 55<br>to<br>60 | 60<br>to<br>65 | 65<br>to<br>70 | 70<br>to<br>75 | 75<br>to<br>80 | 80<br>to<br>85 | 85<br>to<br>90 | 90<br>to<br>95 | 95<br>to<br>100 | 100 and over. | Unknown. |
|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|---------------|----------|
| 11             | 7              | 10             | 7              | 8              | 12             | 12             | 12             | 14             | 33             | 20             | 23             | 12             | 14             | 2              | -               | -             | -        |
| 7              | 4              | 3              | 3              | 4              | 6              | 6              | 2              | 8              | 12             | 7              | 8              | 5              | 6              | -              | -               | -             | -        |
| 4              | 3              | 7              | 4              | 4              | 6              | 6              | 10             | 6              | 21             | 13             | 15             | 7              | 8              | 2              | -               | -             | -        |
| 11             | 13             | 6              | 12             | 20             | 20             | 19             | 19             | 20             | 28             | 39             | 22             | 24             | 14             | 7              | 1               | -             | -        |
| 5              | 3              | 3              | 9              | 10             | 10             | 7              | 13             | 12             | 13             | 16             | 10             | 8              | 7              | 2              | -               | -             | -        |
| 6              | 10             | 3              | 3              | 10             | 10             | 12             | 6              | 8              | 15             | 23             | 12             | 16             | 7              | 5              | 1               | -             | -        |
| 19             | 13             | 15             | 10             | 8              | 12             | 10             | 12             | 13             | 18             | 24             | 11             | 3              | 5              | -              | -               | -             | -        |
| 8              | 5              | 9              | 3              | 1              | 4              | 6              | 4              | 5              | 9              | 10             | 5              | 1              | 2              | -              | -               | -             | -        |
| 11             | 8              | 6              | 7              | 7              | 8              | 4              | 8              | 8              | 9              | 14             | 6              | 2              | 3              | -              | -               | -             | -        |
| 14             | 16             | 11             | 12             | 20             | 7              | 16             | 26             | 17             | 22             | 25             | 30             | 16             | 10             | 4              | -               | -             | -        |
| 6              | 11             | 10             | 3              | 11             | 1              | 9              | 13             | 12             | 6              | 12             | 16             | 9              | 4              | 3              | -               | -             | -        |
| 8              | 5              | 1              | 9              | 9              | 6              | 7              | 13             | 5              | 16             | 13             | 14             | 7              | 6              | 1              | -               | -             | -        |
| 7              | 10             | 15             | 12             | 16             | 10             | 11             | 20             | 18             | 24             | 26             | 27             | 16             | 14             | 7              | -               | -             | 2        |
| 5              | 6              | 7              | 4              | 8              | 3              | 5              | 13             | 8              | 10             | 7              | 15             | 3              | 5              | 1              | -               | -             | 2        |
| 2              | 4              | 8              | 8              | 8              | 7              | 6              | 7              | 10             | 14             | 19             | 12             | 13             | 9              | 6              | -               | -             | -        |
| 11             | 18             | 19             | 13             | 14             | 5              | 14             | 15             | 11             | 13             | 23             | 16             | 15             | 4              | 3              | -               | -             | -        |
| 7              | 13             | 12             | 9              | 8              | 4              | 10             | 9              | 8              | 9              | 15             | 9              | 5              | 1              | -              | -               | -             | -        |
| 4              | 5              | 7              | 4              | 6              | 1              | 4              | 6              | 3              | 4              | 8              | 7              | 10             | 3              | 3              | -               | -             | -        |
| 25             | 27             | 18             | 21             | 15             | 15             | 25             | 36             | 34             | 38             | 42             | 42             | 32             | 19             | 12             | 4               | -             | -        |
| 15             | 13             | 14             | 12             | 4              | 9              | 15             | 21             | 16             | 21             | 13             | 16             | 10             | 7              | 4              | 1               | -             | -        |
| 10             | 14             | 4              | 9              | 11             | 6              | 10             | 15             | 18             | 17             | 29             | 26             | 22             | 12             | 8              | 3               | -             | -        |
| 35             | 32             | 32             | 34             | 27             | 28             | 34             | 37             | 51             | 64             | 50             | 48             | 35             | 13             | 5              | 1               | -             | -        |
| 19             | 19             | 13             | 12             | 14             | 14             | 13             | 15             | 25             | 23             | 24             | 23             | 12             | 5              | 2              | 1               | -             | -        |
| 16             | 13             | 19             | 22             | 13             | 14             | 21             | 22             | 26             | 41             | 26             | 25             | 23             | 8              | 3              | -               | -             | -        |
| 42             | 46             | 35             | 43             | 31             | 47             | 42             | 39             | 57             | 64             | 48             | 54             | 44             | 24             | 6              | 8               | -             | -        |
| 19             | 20             | 18             | 21             | 15             | 32             | 20             | 18             | 27             | 25             | 22             | 21             | 16             | 9              | 3              | 1               | -             | -        |
| 23             | 26             | 17             | 22             | 16             | 15             | 22             | 21             | 30             | 39             | 26             | 33             | 28             | 15             | 3              | 2               | -             | -        |
| 19             | 31             | 29             | 29             | 23             | 21             | 41             | 37             | 39             | 41             | 43             | 32             | 33             | 22             | 11             | 4               | 1             | -        |
| 12             | 17             | 17             | 17             | 13             | 13             | 22             | 16             | 20             | 23             | 21             | 13             | 8              | 5              | 2              | 1               | -             | -        |
| 7              | 14             | 12             | 12             | 10             | 8              | 19             | 21             | 19             | 18             | 22             | 11             | 20             | 14             | 6              | 2               | -             | -        |
| 19             | 20             | 16             | 16             | 9              | 14             | 12             | 12             | 26             | 15             | 18             | 22             | 11             | 6              | 4              | -               | -             | -        |
| 8              | 11             | 8              | 6              | 5              | 5              | 3              | 4              | 7              | 4              | 9              | 9              | 2              | 2              | -              | -               | -             | -        |
| 11             | 9              | 8              | 10             | 4              | 9              | 9              | 8              | 19             | 11             | 9              | 13             | 9              | 4              | 4              | -               | -             | -        |
| 12             | 12             | 16             | 9              | 5              | 7              | 10             | 10             | 11             | 12             | 9              | 21             | 8              | 2              | 2              | -               | -             | -        |
| 6              | 6              | 8              | 7              | 3              | 3              | 5              | 6              | 8              | 8              | 5              | 10             | 4              | -              | -              | -               | -             | -        |
| 6              | 6              | 8              | 2              | 2              | 4              | 5              | 4              | 4              | 4              | 11             | 4              | 2              | 2              | -              | -               | -             | -        |
| 58             | 74             | 84             | 79             | 78             | 86             | 80             | 113            | 128            | 96             | 68             | 101            | 68             | 30             | 10             | 2               | -             | 1        |
| 31             | 33             | 47             | 42             | 37             | 44             | 47             | 58             | 72             | 51             | 27             | 49             | 27             | 17             | 3              | -               | -             | 1        |
| 27             | 41             | 37             | 37             | 41             | 42             | 33             | 55             | 56             | 45             | 41             | 52             | 41             | 13             | 7              | 2               | -             | -        |

## OVER 5,000 POPULATION IN 1895.

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |   |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|---|----|
| 238 | 242 | 234 | 234 | 197 | 258 | 303 | 293 | 382 | 425 | 468 | 503 | 367 | 201 | 66 | 19 | 6 | 11 |
| 117 | 137 | 108 | 125 | 110 | 134 | 160 | 143 | 203 | 201 | 220 | 247 | 179 | 73  | 23 | 6  | 1 | 6  |
| 121 | 105 | 126 | 109 | 87  | 124 | 143 | 150 | 179 | 224 | 248 | 256 | 188 | 128 | 43 | 13 | 5 | 5  |

## UNDER 5,000 POPULATION IN 1895.

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |   |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|---|----|
| 241 | 269 | 275 | 265 | 262 | 283 | 345 | 408 | 492 | 627 | 750 | 817 | 634 | 399 | 147 | 48 | 4 | 12 |
| 124 | 126 | 152 | 152 | 132 | 163 | 174 | 208 | 261 | 335 | 405 | 440 | 321 | 170 | 52  | 18 | 2 | 11 |
| 117 | 143 | 123 | 113 | 130 | 120 | 171 | 200 | 231 | 292 | 345 | 377 | 313 | 229 | 95  | 35 | 2 | 1  |





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# CAUSES OF DEATH,

NOSOLOGICALLY ARRANGED,

1899.

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TABLE IX. — CAUSES OF

*Distinguishing by Months, by Age, and by Sex, the Registered  
(arranged) during*

| CAUSES OF DEATH.             | DEATHS.   |         | MONTHS.  |           |        |        |       |       |       |         |            |          |           |           |
|------------------------------|-----------|---------|----------|-----------|--------|--------|-------|-------|-------|---------|------------|----------|-----------|-----------|
|                              | Sex.      | Totals. | January. | February. | March. | April. | May.  | June. | July. | August. | September. | October. | November. | December. |
| ALL CAUSES, {                | T. 47,710 | -       | -        | -         | -      | -      | -     | -     | -     | -       | -          | -        | -         | -         |
|                              | M. 24,304 | 2,571   | 2,080    | 1,960     | 1,967  | 1,886  | 1,756 | 2,256 | 2,330 | 1,974   | 1,716      | 1,742    | 2,066     |           |
|                              | F. 23,406 | 2,610   | 2,121    | 1,983     | 1,921  | 1,766  | 1,574 | 2,078 | 2,151 | 1,836   | 1,755      | 1,683    | 1,928     |           |
| ZYMOTIC DISEASES, {          | T. 7,047  | -       | -        | -         | -      | -      | -     | -     | -     | -       | -          | -        | -         | -         |
|                              | M. 3,646  | 288     | 220      | 215       | 198    | 187    | 199   | 621   | 640   | 376     | 238        | 221      | 243       |           |
|                              | F. 3,401  | 344     | 232      | 188       | 187    | 164    | 177   | 552   | 599   | 373     | 219        | 158      | 208       |           |
| I. 1. Miasmatic, {           | T. 6,561  | -       | -        | -         | -      | -      | -     | -     | -     | -       | -          | -        | -         | -         |
|                              | M. 3,363  | 266     | 200      | 186       | 178    | 162    | 178   | 603   | 624   | 351     | 215        | 193      | 207       |           |
|                              | F. 3,198  | 324     | 216      | 166       | 159    | 147    | 161   | 533   | 580   | 357     | 212        | 146      | 197       |           |
| Small-pox, {                 | T. 14     | -       | -        | -         | -      | -      | -     | -     | -     | -       | -          | -        | -         | -         |
|                              | M. 6      | -       | -        | -         | -      | 1      | 1     | 1     | 1     | -       | 1          | -        | 1         |           |
|                              | F. 8      | -       | -        | -         | -      | 1      | 1     | -     | -     | -       | 4          | 1        | 1         |           |
| Measles, {                   | T. 241    | -       | -        | -         | -      | -      | -     | -     | -     | -       | -          | -        | -         | -         |
|                              | M. 132    | 12      | 12       | 10        | 17     | 21     | 21    | 12    | 9     | 2       | 5          | 4        | 7         |           |
|                              | F. 109    | 10      | 9        | 18        | 15     | 17     | 16    | 12    | 3     | 4       | -          | 1        | 4         |           |
| Scarlatina, {                | T. 235    | -       | -        | -         | -      | -      | -     | -     | -     | -       | -          | -        | -         | -         |
|                              | M. 104    | 4       | 6        | 8         | 7      | 16     | 10    | 8     | 4     | 6       | 8          | 11       | 16        |           |
|                              | F. 131    | 9       | 12       | 5         | 12     | 9      | 16    | 5     | 7     | 6       | 9          | 13       | 28        |           |
| Diphtheria, {                | T. 866    | -       | -        | -         | -      | -      | -     | -     | -     | -       | -          | -        | -         | -         |
|                              | M. 422    | 35      | 28       | 29        | 27     | 28     | 20    | 28    | 26    | 34      | 57         | 44       | 66        |           |
|                              | F. 444    | 32      | 26       | 21        | 26     | 35     | 18    | 30    | 28    | 47      | 62         | 48       | 71        |           |
| Cerebro-Spinal Meningitis, { | T. 240    | -       | -        | -         | -      | -      | -     | -     | -     | -       | -          | -        | -         | -         |
|                              | M. 137    | 11      | 3        | 17        | 15     | 13     | 5     | 16    | 13    | 9       | 12         | 12       | 11        |           |
|                              | F. 103    | 7       | 7        | 12        | 11     | 9      | 10    | 11    | 5     | 10      | 5          | 8        | 8         |           |
| Quinsy, .                    | M. 1      | -       | -        | -         | -      | -      | -     | -     | 1     | -       | -          | -        | -         |           |
| -Parotitis, {                | T. 28     | -       | -        | -         | -      | -      | -     | -     | -     | -       | -          | -        | -         | -         |
|                              | M. 11     | 1       | -        | -         | -      | 2      | -     | -     | 1     | 1       | 1          | 4        | 1         |           |
|                              | F. 17     | 2       | 2        | 1         | 2      | 1      | -     | 1     | 2     | 2       | 1          | 1        | 2         |           |
| Croup, {                     | T. 181    | -       | -        | -         | -      | -      | -     | -     | -     | -       | -          | -        | -         | -         |
|                              | M. 96     | 11      | 9        | 11        | 9      | 7      | 3     | 6     | 4     | 8       | 5          | 12       | 11        |           |
|                              | F. 85     | 8       | 9        | 6         | 7      | 4      | 3     | 5     | 4     | 9       | 12         | 5        | 13        |           |
| Whooping-cough, {            | T. 338    | -       | -        | -         | -      | -      | -     | -     | -     | -       | -          | -        | -         | -         |
|                              | M. 148    | 18      | 16       | 15        | 21     | 5      | 9     | 15    | 17    | 13      | 6          | 6        | 7         |           |
|                              | F. 190    | 34      | 19       | 13        | 17     | 14     | 7     | 17    | 24    | 13      | 15         | 7        | 10        |           |
| Typhoid Fever, {             | T. 612    | -       | -        | -         | -      | -      | -     | -     | -     | -       | -          | -        | -         | -         |
|                              | M. 375    | 35      | 16       | 14        | 22     | 17     | 14    | 26    | 28    | 66      | 50         | 47       | 40        |           |
|                              | F. 237    | 23      | 13       | 9         | 14     | 11     | 6     | 18    | 28    | 39      | 30         | 23       | 23        |           |
| Erysipelas, {                | T. 193    | -       | -        | -         | -      | -      | -     | -     | -     | -       | -          | -        | -         | -         |
|                              | M. 108    | 17      | 10       | 19        | 15     | 11     | 8     | 4     | 2     | 3       | 4          | 9        | 6         |           |
|                              | F. 85     | 9       | 11       | 10        | 10     | 10     | 5     | 6     | 4     | 7       | 3          | 6        | 4         |           |
| Puerp. Fever, F.             | F. 23     | 1       | 2        | 1         | 4      | 3      | 2     | 3     | 3     | 1       | 2          | 1        | -         |           |

DEATH.—(*Nosological Arrangement.*)

*Number of Deaths from Various Specified Causes (Nosologically the Year 1899.*

| AGES.          |                |            |            |            |            |            |            |                |                |                |                |                |                |                |            |          |          |
|----------------|----------------|------------|------------|------------|------------|------------|------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------|----------|----------|
| Under 1        | 1 to 2         | 2 to 3     | 3 to 4     | 4 to 5     | 5 to 10    | 10 to 15   | 15 to 20   | 20 to 30       | 30 to 40       | 40 to 50       | 50 to 60       | 60 to 70       | 70 to 80       | 80 to 90       | 90 to 100  | Over 100 | Unknown. |
| 5,829<br>4,703 | 1,185<br>1,041 | 525<br>501 | 318<br>304 | 220<br>201 | 520<br>539 | 314<br>312 | 530<br>557 | 1,847<br>1,908 | 2,091<br>1,817 | 1,886<br>1,720 | 2,239<br>2,153 | 2,613<br>2,633 | 2,635<br>2,864 | 1,355<br>1,750 | 169<br>380 | 5<br>16  | 23<br>7  |
| 1,362<br>1,162 | 358<br>318     | 190<br>217 | 139<br>125 | 93<br>102  | 200<br>226 | 76<br>89   | 72<br>75   | 210<br>175     | 202<br>159     | 130<br>101     | 160<br>124     | 162<br>155     | 195<br>217     | 81<br>134      | 14<br>22   | -        | -        |
| 1,323<br>1,132 | 346<br>314     | 187<br>216 | 136<br>122 | 90<br>99   | 190<br>224 | 71<br>85   | 69<br>70   | 187<br>134     | 152<br>109     | 89<br>80       | 111<br>101     | 139<br>149     | 180<br>210     | 77<br>131      | 14<br>22   | -        | -        |
| -              | -              | -          | 1          | -          | -          | -          | -          | 1              | 2              | 1              | 1              | -              | -              | -              | -          | -        | -        |
| -              | 1              | -          | -          | -          | -          | -          | 1          | 3              | 1              | -              | -              | 2              | -              | -              | -          | -        | -        |
| 28<br>28       | 51<br>35       | 21<br>24   | 12<br>7    | 4<br>4     | 11<br>4    | 1<br>1     | -<br>1     | 1<br>1         | 3<br>3         | -<br>1         | -<br>-         | -<br>-         | -<br>-         | -<br>-         | -<br>-     | -<br>-   | -<br>-   |
| 5<br>7         | 11<br>18       | 17<br>24   | 19<br>20   | 15<br>15   | 23<br>35   | 4<br>7     | 3<br>1     | 1<br>1         | 4<br>3         | -<br>-         | 2<br>-         | -<br>-         | -<br>-         | -<br>-         | -<br>-     | -<br>-   | -<br>-   |
| 28<br>22       | 66<br>55       | 78<br>85   | 63<br>60   | 44<br>50   | 99<br>123  | 21<br>27   | 8<br>5     | 4<br>7         | 4<br>2         | 1<br>3         | 4<br>1         | 1<br>2         | -<br>1         | 1<br>1         | -<br>-     | -<br>-   | -<br>-   |
| 36<br>23       | 13<br>13       | 15<br>15   | 8<br>3     | 4<br>5     | 9<br>11    | 7<br>7     | 9<br>4     | 17<br>11       | 5<br>4         | 6<br>4         | 1<br>-         | 4<br>2         | 3<br>1         | -<br>-         | -<br>-     | -<br>-   | -<br>-   |
| 1              | -              | -          | -          | -          | -          | -          | -          | -              | -              | -              | -              | -              | -              | -              | -          | -        | -        |
| 3<br>1         | -<br>2         | 1<br>2     | 1<br>1     | -<br>2     | 2<br>4     | 1<br>-     | -<br>-     | -<br>-         | -<br>1         | -<br>1         | -<br>2         | -<br>-         | -<br>-         | 1<br>-         | -<br>1     | -<br>-   | -<br>-   |
| 12<br>7        | 25<br>24       | 20<br>20   | 13<br>12   | 10<br>8    | 16<br>11   | -<br>3     | -<br>-     | -<br>-         | -<br>-         | -<br>-         | -<br>-         | -<br>-         | -<br>-         | -<br>-         | -<br>-     | -<br>-   | -<br>-   |
| 94<br>114      | 32<br>39       | 9<br>17    | 5<br>7     | 2<br>4     | 2<br>7     | -<br>1     | 1<br>-     | -<br>-         | -<br>1         | -<br>-         | -<br>-         | -<br>-         | -<br>-         | 1<br>-         | 1<br>-     | -<br>-   | -<br>-   |
| 1<br>-         | -<br>1         | 1<br>-     | 2<br>-     | 2<br>2     | 11<br>9    | 18<br>23   | 34<br>42   | 126<br>60      | 90<br>42       | 40<br>24       | 27<br>16       | 15<br>12       | 7<br>5         | 1<br>1         | -<br>-     | -<br>-   | -<br>-   |
| 26<br>22       | -<br>1         | -<br>2     | -<br>-     | -<br>-     | -<br>1     | 2<br>1     | 2<br>1     | 6<br>9         | 14<br>6        | 12<br>9        | 13<br>11       | 7<br>14        | 19<br>3        | 6<br>5         | -<br>-     | -<br>-   | 1<br>-   |
| -              | -              | -          | -          | -          | -          | -          | 1          | 13             | 7              | 2              | -              | -              | -              | -              | -          | -        | -        |

TABLE IX. — Continued.

| CAUSES OF DEATH.                  | DEATHS.    |         | MONTHS.  |           |        |        |      |       |       |         |            |
|-----------------------------------|------------|---------|----------|-----------|--------|--------|------|-------|-------|---------|------------|
|                                   | SEX.       | Totals. | January. | February. | March. | April. | May. | June. | July. | August. | September. |
| <b>I. 1. Miasmatic — Con.</b>     |            |         |          |           |        |        |      |       |       |         |            |
| Carbuncle, . . . . .              | Totals, .  | 6       | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|                                   | Males, .   | 5       | -        | -         | 1      | 1      | -    | -     | -     | 2       | -          |
|                                   | Females, . | 1       | -        | -         | -      | -      | -    | 1     | -     | -       | -          |
| Influenza, . . . . .              | Totals, .  | 570     | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|                                   | Males, .   | 233     | 93       | 70        | 25     | 12     | 6    | 2     | 1     | 1       | 1          |
|                                   | Females, . | 337     | 164      | 90        | 35     | 17     | 8    | 6     | 1     | -       | 1          |
| Dysentery, . . . . .              | Totals, .  | 268     | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|                                   | Males, .   | 126     | 4        | 4         | 2      | 3      | 3    | 6     | 25    | 45      | 19         |
|                                   | Females, . | 142     | 2        | 1         | 1      | 1      | 2    | 1     | 34    | 51      | 29         |
| Diarrhœa, . . . . .               | Totals, .  | 382     | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|                                   | Males, .   | 204     | 6        | 9         | 13     | 10     | 10   | 12    | 45    | 50      | 24         |
|                                   | Females, . | 178     | 6        | 4         | 11     | 6      | 4    | 13    | 25    | 49      | 37         |
| Cholera Infantum, . . . . .       | Totals, .  | 1,964   | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|                                   | Males, .   | 1,049   | 6        | 1         | 4      | 6      | 5    | 52    | 398   | 391     | 148        |
|                                   | Females, . | 915     | 4        | 1         | 3      | 3      | 6    | 43    | 342   | 337     | 137        |
| Cholera, . . . . .                | Totals, .  | 70      | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|                                   | Males, .   | 30      | -        | -         | -      | 1      | -    | 2     | 7     | 13      | 6          |
|                                   | Females, . | 40      | 2        | -         | 1      | -      | 1    | -     | 7     | 20      | 6          |
| Ague, . . . . .                   | Totals, .  | 52      | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|                                   | Males, .   | 30      | 1        | 2         | 1      | 1      | 3    | 2     | 3     | 4       | 4          |
|                                   | Females, . | 22      | 1        | 1         | 2      | -      | 1    | 1     | 4     | 5       | 4          |
| Remittent Fever, . . . . .        | Totals, .  | 3       | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|                                   | Males, .   | 2       | -        | -         | -      | -      | -    | -     | 1     | -       | 1          |
|                                   | Females, . | 1       | -        | -         | -      | -      | -    | 1     | -     | -       | -          |
| Rheumatism, . . . . .             | Totals, .  | 274     | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|                                   | Males, .   | 144     | 12       | 14        | 17     | 11     | 14   | 11    | 7     | 12      | 6          |
|                                   | Females, . | 130     | 10       | 9         | 17     | 14     | 11   | 11    | 12    | 10      | 5          |
| <b>I. 2. Ethetic, . . . . .</b>   | Totals, .  | 284     | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|                                   | Males, .   | 123     | 10       | 11        | 18     | 7      | 14   | 9     | 6     | 5       | 10         |
|                                   | Females, . | 156     | 16       | 14        | 20     | 19     | 12   | 10    | 15    | 12      | 14         |
| Syphilis, . . . . .               | Totals, .  | 59      | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|                                   | Males, .   | 35      | 4        | 5         | 3      | 3      | 2    | 4     | 1     | 4       | 2          |
|                                   | Females, . | 24      | 5        | 1         | 4      | 2      | 1    | 3     | 3     | -       | 1          |
| Stricture of Urethra, . . . . .   | Males, .   | 2       | -        | -         | 1      | -      | -    | -     | -     | -       | 1          |
| Septicæmia, . . . . .             | Totals, .  | 223     | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|                                   | Males, .   | 91      | 6        | 6         | 14     | 4      | 12   | 5     | 5     | 1       | 7          |
|                                   | Females, . | 132     | 11       | 13        | 16     | 17     | 11   | 7     | 12    | 12      | 13         |
| <b>I. 3. Dietetic, . . . . .</b>  | Totals, .  | 199     | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|                                   | Males, .   | 154     | 12       | 9         | 11     | 13     | 11   | 12    | 12    | 11      | 15         |
|                                   | Females, . | 45      | 4        | 2         | 2      | 9      | 5    | 5     | 4     | 6       | 2          |
| Purpura and Scurvy, . . . . .     | Totals, .  | 29      | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|                                   | Males, .   | 19      | 1        | 1         | 3      | -      | 2    | 1     | 2     | 3       | -          |
|                                   | Females, . | 10      | 1        | 1         | -      | 2      | 2    | 1     | 2     | 1       | -          |
| Delirium Tremens, . . . . .       | Totals, .  | 30      | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|                                   | Males, .   | 25      | 2        | 3         | -      | -      | 2    | 2     | 2     | 2       | 3          |
|                                   | Females, . | 5       | -        | -         | -      | 3      | -    | -     | -     | -       | 1          |
| Intoxication, . . . . .           | Totals, .  | 140     | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|                                   | Males, .   | 110     | 9        | 5         | 8      | 13     | 7    | 9     | 8     | 6       | 12         |
|                                   | Females, . | 30      | 3        | 1         | 2      | 4      | 3    | 4     | 2     | 5       | 1          |
| <b>I. 4. Parasitic, . . . . .</b> | Totals, .  | 3       | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|                                   | Males, .   | 1       | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|                                   | Females, . | 2       | -        | -         | -      | -      | -    | 1     | -     | 1       | -          |



TABLE IX.—Continued.

| CAUSES OF DEATH.                     |            |       | DEATHS. |         | MONTHS.  |           |        |        |      |       |       |         |            |  |
|--------------------------------------|------------|-------|---------|---------|----------|-----------|--------|--------|------|-------|-------|---------|------------|--|
|                                      |            |       | SEX.    | Totals. | January. | February. | March. | April. | May. | June. | July. | August. | September. |  |
| I. 4. <i>Parasitic</i> — Con.        |            |       |         |         |          |           |        |        |      |       |       |         |            |  |
| Thrush, . . . . .                    | Totals, .  | 3     | -       | -       | -        | -         | -      | -      | -    | -     | -     | -       | -          |  |
|                                      | Males, .   | 1     | -       | -       | -        | -         | -      | -      | -    | -     | -     | -       | -          |  |
|                                      | Females, . | 2     | -       | -       | -        | -         | -      | -      | 1    | -     | 1     | -       | -          |  |
| CONSTITUTIONAL DISEASES, . . . . .   | Totals, .  | 9,283 | 423     | 313     | 375      | 398       | 371    | 346    | 379  | 426   | 388   | 420     | 388        |  |
|                                      | Males, .   | 4,451 | 413     | 383     | 418      | 423       | 419    | 371    | 395  | 409   | 371   | 395     | 420        |  |
|                                      | Females, . | 4,832 | -       | -       | -        | -         | -      | -      | -    | -     | -     | -       | -          |  |
| II. 1. <i>Diathetic</i> , . . . . .  | Totals, .  | 2,313 | -       | -       | -        | -         | -      | -      | -    | -     | -     | -       | -          |  |
|                                      | Males, .   | 795   | 73      | 53      | 60       | 69        | 69     | 73     | 65   | 69    | 58    | 58      | 58         |  |
|                                      | Females, . | 1,518 | 128     | 114     | 131      | 128       | 125    | 136    | 116  | 116   | 122   | 122     | 122        |  |
| Dropsy, . . . . .                    | Totals, .  | 69    | -       | -       | -        | -         | -      | -      | -    | -     | -     | -       | -          |  |
|                                      | Males, .   | 23    | 4       | 1       | 1        | 2         | -      | 1      | 3    | 2     | 2     | 2       | 2          |  |
|                                      | Females, . | 46    | 5       | 3       | 5        | 5         | 7      | 2      | 2    | 2     | 2     | 2       | 6          |  |
| Anæmia, . . . . .                    | Totals, .  | 258   | -       | -       | -        | -         | -      | -      | -    | -     | -     | -       | -          |  |
|                                      | Males, .   | 96    | 11      | 2       | 10       | 13        | 9      | 10     | 7    | 7     | 7     | 7       | 7          |  |
|                                      | Females, . | 162   | 12      | 19      | 15       | 19        | 13     | 12     | 6    | 18    | 9     | 9       | 9          |  |
| Cancer (part not stated), . . . . .  | Totals, .  | 881   | -       | -       | -        | -         | -      | -      | -    | -     | -     | -       | -          |  |
|                                      | Males, .   | 303   | 26      | 25      | 22       | 31        | 23     | 27     | 28   | 20    | 23    | 23      | 23         |  |
|                                      | Females, . | 578   | 55      | 38      | 54       | 43        | 43     | 53     | 54   | 46    | 45    | 45      | 45         |  |
| — Epithelioma, . . . . .             | Totals, .  | 24    | -       | -       | -        | -         | -      | -      | -    | -     | -     | -       | -          |  |
|                                      | Males, .   | 18    | 2       | -       | -        | 3         | 2      | 2      | 2    | 3     | 1     | 1       | 1          |  |
|                                      | Females, . | 6     | -       | 1       | -        | -         | -      | 2      | -    | -     | -     | -       | -          |  |
| — Can. of Bowels, . . . . .          | Males, .   | 1     | -       | -       | -        | -         | -      | -      | -    | -     | -     | -       | -          |  |
|                                      | Totals, .  | 118   | -       | -       | -        | -         | -      | -      | -    | -     | -     | -       | -          |  |
|                                      | Females, . | 117   | 7       | 10      | 13       | 11        | 8      | 17     | 8    | 7     | 8     | 8       | 8          |  |
| — Can. of Breast, . . . . .          | Totals, .  | 27    | -       | -       | -        | -         | -      | -      | -    | -     | -     | -       | -          |  |
|                                      | Males, .   | 18    | 1       | 1       | 2        | 1         | 1      | 1      | -    | 2     | 2     | 2       | 2          |  |
|                                      | Females, . | 9     | -       | 2       | -        | 2         | 1      | 1      | -    | -     | -     | -       | -          |  |
| — Can. of Kidney, . . . . .          | Totals, .  | 248   | -       | -       | -        | -         | -      | -      | -    | -     | -     | -       | -          |  |
|                                      | Males, .   | 95    | 7       | 6       | 5        | 6         | 13     | 12     | 8    | 8     | 6     | 6       | 6          |  |
|                                      | Females, . | 153   | 14      | 11      | 9        | 12        | 16     | 9      | 14   | 12    | 15    | 15      | 15         |  |
| — Can. of Liver, . . . . .           | Totals, .  | 342   | -       | -       | -        | -         | -      | -      | -    | -     | -     | -       | -          |  |
|                                      | Males, .   | 162   | 13      | 11      | 10       | 8         | 14     | 14     | 11   | 22    | 8     | 8       | 8          |  |
|                                      | Females, . | 180   | 12      | 11      | 17       | 12        | 16     | 13     | 16   | 11    | 14    | 14      | 14         |  |
| — Can. of Uterus, . . . . .          | Females, . | 197   | 15      | 14      | 13       | 18        | 13     | 23     | 11   | 15    | 17    | 17      | 17         |  |
|                                      | Totals, .  | 9     | -       | -       | -        | -         | -      | -      | -    | -     | -     | -       | -          |  |
|                                      | Males, .   | 5     | 1       | -       | -        | -         | 1      | 1      | -    | 1     | 1     | 1       | 1          |  |
| Canker (Noma), . . . . .             | Females, . | 4     | 1       | -       | -        | 1         | -      | -      | 1    | -     | -     | -       | -          |  |
|                                      | Totals, .  | 139   | -       | -       | -        | -         | -      | -      | -    | -     | -     | -       | -          |  |
|                                      | Males, .   | 73    | 8       | 7       | 10       | 5         | 6      | 5      | 6    | 4     | 7     | 7       | 7          |  |
| Mortification, . . . . .             | Females, . | 66    | 7       | 5       | 5        | 5         | 8      | 4      | 4    | 5     | 6     | 6       | 6          |  |
|                                      | Totals, .  | 6,970 | -       | -       | -        | -         | -      | -      | -    | -     | -     | -       | -          |  |
|                                      | Males, .   | 3,656 | 350     | 260     | 315      | 329       | 302    | 273    | 314  | 357   | 330   | 330     | 330        |  |
| II. 2. <i>Tubercular</i> , . . . . . | Females, . | 3,314 | 285     | 269     | 287      | 295       | 294    | 235    | 279  | 293   | 298   | 298     | 298        |  |
|                                      | Totals, .  | 62    | -       | -       | -        | -         | -      | -      | -    | -     | -     | -       | -          |  |
|                                      | Males, .   | 31    | 5       | 1       | 3        | 4         | 3      | 1      | 3    | 5     | 1     | 1       | 1          |  |
| Scrofula, . . . . .                  | Females, . | 31    | 4       | 5       | 3        | 1         | 1      | 4      | 3    | 2     | 1     | 1       | 1          |  |
|                                      | Totals, .  | 5     | -       | -       | -        | -         | -      | -      | -    | -     | -     | -       | -          |  |
|                                      | Males, .   | 4     | 3       | 1       | -        | -         | -      | -      | -    | -     | -     | -       | -          |  |
| — Cellulitis, . . . . .              | Females, . | 1     | -       | -       | -        | -         | -      | -      | -    | -     | -     | -       | -          |  |

*Nosological Arrangement.*

| MONTHS.  |           |           | AGES.   |        |        |        |        |         |          |          |          |          |          |          |          |          |          |           |          |          |
|----------|-----------|-----------|---------|--------|--------|--------|--------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|----------|----------|
| October. | November. | December. | Under 1 | 1 to 2 | 2 to 3 | 3 to 4 | 4 to 5 | 5 to 10 | 10 to 15 | 15 to 20 | 20 to 30 | 30 to 40 | 40 to 50 | 50 to 60 | 60 to 70 | 70 to 80 | 80 to 90 | 90 to 100 | Over 100 | Unknown. |
| -        | -         | -         | 1       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| -        | -         | -         | 2       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 364      | 329       | 339       | 691     | 157    | 56     | 28     | 18     | 39      | 41       | 175      | 796      | 760      | 543      | 423      | 371      | 265      | 78       | 5         | -        | -        |
| 414      | 396       | 371       | 532     | 114    | 53     | 37     | 21     | 52      | 70       | 259      | 921      | 706      | 572      | 532      | 473      | 337      | 133      | 20        | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 66       | 72        | 68        | 16      | 3      | 5      | 2      | 1      | 6       | 5        | 4        | 14       | 37       | 109      | 154      | 210      | 161      | 63       | 4         | -        | -        |
| 146      | 144       | 112       | 13      | 1      | 2      | 6      | 2      | 7       | 4        | 10       | 38       | 117      | 262      | 346      | 342      | 259      | 93       | 16        | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 1        | 4         | 2         | 1       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 5        | 3         | 1         | 3       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 5        | 7         | 8         | 12      | 2      | 2      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 13       | 13        | 13        | 8       | 1      | -      | 3      | 1      | 2       | 2        | 6        | 17       | 18       | 27       | 26       | 20       | 21       | 7        | 3         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 22       | 31        | 25        | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 48       | 62        | 37        | 1       | -      | 2      | 1      | -      | 2       | 2        | 3        | 6        | 13       | 52       | 60       | 74       | 60       | 26       | 1         | -        | -        |
| -        | -         | -         | -       | -      | 1      | -      | -      | 3       | 2        | 1        | 14       | 41       | 96       | 145      | 130      | 94       | 44       | 6         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 1        | 1         | 3         | 1       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| -        | 1         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | 4        | 4        | 5        | 4        | 1         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | 1        | 1        | 1        | 1        | 1         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 14       | 6         | 8         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 1        | 4         | 2         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| -        | -         | 1         | -       | -      | 1      | -      | -      | -       | -        | -        | -        | -        | -        | 1        | 4        | 6        | 1        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 11       | 7         | 6         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 12       | 14        | 15        | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 21       | 15        | 15        | -       | -      | -      | -      | -      | 1       | -        | -        | 2        | 5        | 22       | 43       | 56       | 30       | 3        | -         | -        | -        |
| 18       | 20        | 20        | -       | -      | -      | -      | -      | -       | -        | -        | 2        | 13       | 23       | 37       | 48       | 47       | 10       | -         | -        | -        |
| 31       | 18        | 9         | -       | -      | -      | 1      | -      | -       | -        | -        | 1        | 28       | 70       | 45       | 36       | 13       | 3        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| -        | -         | -         | 1       | -      | -      | -      | -      | -       | 2        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| -        | -         | 1         | -       | -      | -      | -      | -      | -       | -        | -        | 1        | -        | -        | -        | -        | 1        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 5        | 3         | 7         | 1       | 1      | 1      | -      | -      | -       | -        | -        | 1        | 4        | 2        | 1        | 13       | 24       | 22       | 2         | -        | -        |
| 4        | 7         | 6         | 1       | -      | -      | 1      | 1      | 1       | -        | 2        | -        | 2        | 2        | 5        | 15       | 21       | 12       | 4         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 298      | 257       | 271       | 675     | 154    | 51     | 26     | 17     | 33      | 36       | 171      | 782      | 723      | 434      | 269      | 161      | 104      | 15       | 1         | -        | 4        |
| 268      | 252       | 259       | 519     | 113    | 51     | 31     | 19     | 45      | 66       | 249      | 883      | 589      | 310      | 186      | 131      | 78       | 40       | 4         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 1        | 2         | 2         | 6       | 2      | 1      | -      | -      | 2       | 1        | -        | 3        | 3        | 1        | 2        | 4        | 6        | -        | -         | -        | -        |
| 4        | 1         | 2         | 4       | 3      | -      | 1      | -      | -       | -        | 2        | 1        | 2        | 4        | 6        | 4        | 1        | 3        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| -        | -         | 1         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | 1        | -        | -         | -        | -        |

TABLE IX. — Continued.

| CAUSES OF DEATH.                           | DEATHS.    |        | MONTHS.  |           |        |        |       |       |       |         |            |
|--|------------|--------|----------|-----------|--------|--------|-------|-------|-------|---------|------------|
|  | SEX.       | Totals | January. | February. | March. | April. | May.  | June. | July. | August. | September. |
| <b>II. 2. Tubercular—Con.</b>              |            |        |          |           |        |        |       |       |       |         |            |
| — Lumbar Abscess, . . . . .                | Totals, .  | 13     | —        | —         | —      | —      | —     | —     | —     | —       | —          |
|  | Males, .   | 5      | —        | —         | —      | —      | —     | 1     | 1     | 1       | —          |
|  | Females, . | 8      | —        | 1         | 1      | —      | 2     | 1     | —     | 1       | —          |
| Goitre, . . . . .                          | Totals, .  | 18     | —        | —         | —      | —      | —     | —     | —     | —       | —          |
|  | Males, .   | 5      | —        | —         | 1      | 1      | 1     | —     | —     | —       | —          |
|  | Females, . | 13     | —        | 2         | 1      | 1      | 1     | 1     | —     | 1       | 2          |
| Tabes Mesenterica, . . . . .               | Totals, .  | 1,200  | —        | —         | —      | —      | —     | —     | —     | —       | —          |
|  | Males, .   | 644    | 39       | 36        | 40     | 38     | 40    | 38    | 67    | 114     | 102        |
|  | Females, . | 556    | 32       | 29        | 36     | 40     | 24    | 36    | 64    | 90      | 83         |
| Phthisis (Consumption of Lungs), . . . . . | Totals, .  | 5,221  | —        | —         | —      | —      | —     | —     | —     | —       | —          |
|  | Males, .   | 2,719  | 280      | 197       | 252    | 261    | 237   | 206   | 224   | 219     | 208        |
|  | Females, . | 2,502  | 235      | 219       | 223    | 237    | 251   | 181   | 195   | 182     | 194        |
| Hydrocephalus, . . . . .                   | Totals, .  | 451    | —        | —         | —      | —      | —     | —     | —     | —       | —          |
|  | Males, .   | 248    | 23       | 25        | 19     | 25     | 21    | 27    | 19    | 18      | 19         |
|  | Females, . | 203    | 14       | 13        | 23     | 16     | 15    | 12    | 17    | 17      | 18         |
| LOCAL DISEASES, . . . . .                  | Totals, .  | 24,053 | —        | —         | —      | —      | —     | —     | —     | —       | —          |
|  | Males, .   | 12,217 | 1,466    | 1,223     | 1,085  | 1,067  | 1,003 | 886   | 859   | 931     | 833        |
|  | Females, . | 11,836 | 1,542    | 1,226     | 1,097  | 1,035  | 910   | 777   | 853   | 852     | 786        |
| <b>III. 1. Nervous System, . . . . .</b>   |            |        |          |           |        |        |       |       |       |         |            |
| Cephalitis, . . . . .                      | Totals, .  | 6,389  | —        | —         | —      | —      | —     | —     | —     | —       | —          |
|  | Males, .   | 3,342  | 349      | 315       | 279    | 286    | 285   | 267   | 255   | 269     | 269        |
|  | Females, . | 3,047  | 278      | 316       | 277    | 252    | 247   | 227   | 267   | 259     | 210        |
| Apoplexy, . . . . .                        | Totals, .  | 1,387  | —        | —         | —      | —      | —     | —     | —     | —       | —          |
|  | Males, .   | 774    | 64       | 67        | 71     | 78     | 70    | 77    | 70    | 69      | 67         |
|  | Females, . | 613    | 48       | 65        | 61     | 45     | 51    | 45    | 58    | 63      | 47         |
| Paralysis, . . . . .                       | Totals, .  | 2,162  | —        | —         | —      | —      | —     | —     | —     | —       | —          |
|  | Males, .   | 1,045  | 111      | 109       | 91     | 74     | 81    | 84    | 64    | 88      | 79         |
|  | Females, . | 1,117  | 91       | 118       | 106    | 85     | 94    | 69    | 102   | 95      | 75         |
| Insanity, . . . . .                        | Totals, .  | 1,071  | —        | —         | —      | —      | —     | —     | —     | —       | —          |
|  | Males, .   | 552    | 73       | 50        | 44     | 45     | 50    | 34    | 34    | 44      | 49         |
|  | Females, . | 519    | 61       | 65        | 47     | 40     | 35    | 37    | 39    | 42      | 35         |
| Epilepsy, . . . . .                        | Totals, .  | 220    | —        | —         | —      | —      | —     | —     | —     | —       | —          |
|  | Males, .   | 94     | 12       | 8         | 5      | 4      | 12    | 7     | 4     | 9       | 2          |
|  | Females, . | 126    | 7        | 13        | 4      | 9      | 11    | 19    | 14    | 11      | 16         |
| Tetanus, . . . . .                         | Totals, .  | 141    | —        | —         | —      | —      | —     | —     | —     | —       | —          |
|  | Males, .   | 75     | 6        | 4         | 6      | 5      | 7     | 12    | 10    | 4       | 7          |
|  | Females, . | 66     | 6        | 4         | 1      | 8      | 3     | 8     | 10    | 7       | 4          |
| Convulsions, . . . . .                     | Totals, .  | 33     | —        | —         | —      | —      | —     | —     | —     | —       | —          |
|  | Males, .   | 28     | 2        | 1         | 3      | 1      | 3     | 1     | 9     | —       | 2          |
|  | Females, . | 5      | —        | —         | 1      | 1      | 1     | —     | —     | —       | 2          |
| Brain Disease, . . . . .                   | Totals, .  | 718    | —        | —         | —      | —      | —     | —     | —     | —       | —          |
|  | Males, .   | 404    | 37       | 48        | 38     | 39     | 28    | 29    | 33    | 29      | 29         |
|  | Females, . | 314    | 36       | 26        | 38     | 33     | 25    | 32    | 23    | 23      | 13         |
| — Softening of Brain, . . . . .            | Totals, .  | 272    | —        | —         | —      | —      | —     | —     | —     | —       | —          |
|  | Males, .   | 152    | 17       | 12        | 9      | 19     | 14    | 6     | 14    | 11      | 20         |
|  | Females, . | 120    | 9        | 14        | 8      | 10     | 15    | 7     | 9     | 5       | 8          |
| — Locomo. Ataxia, . . . . .                | Totals, .  | 94     | —        | —         | —      | —      | —     | —     | —     | —       | —          |
|  | Males, .   | 55     | 7        | 5         | 1      | 3      | 7     | 4     | 6     | 4       | 4          |
|  | Females, . | 39     | 5        | 3         | 3      | 6      | 3     | 3     | 2     | 6       | 2          |
| — Locomo. Ataxia, . . . . .                | Totals, .  | 211    | —        | —         | —      | —      | —     | —     | —     | —       | —          |
|  | Males, .   | 126    | 13       | 9         | 10     | 13     | 10    | 10    | 8     | 8       | 8          |
|  | Females, . | 85     | 12       | 9         | 6      | 8      | 5     | 5     | 8     | 4       | 3          |



*Nosological Arrangement.*

| MONTHS.  |           |           | AGES.   |        |        |        |        |         |          |          |          |          |          |          |          |          |          |           |          |          |
|----------|-----------|-----------|---------|--------|--------|--------|--------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|----------|----------|
| October. | November. | December. | Under 1 | 1 to 2 | 2 to 3 | 3 to 4 | 4 to 5 | 5 to 10 | 10 to 15 | 15 to 20 | 20 to 30 | 30 to 40 | 40 to 50 | 50 to 60 | 60 to 70 | 70 to 80 | 80 to 90 | 90 to 100 | Over 100 | Unknown. |
| -        | -         | 2         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 1        | 1         | -         | 1       | -      | -      | -      | -      | -       | 1        | -        | 1        | 1        | -        | 1        | -        | 1        | 1        | 2         | -        | -        |
| -        | -         | -         | 1       | 1      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 4        | -         | -         | 2       | -      | -      | -      | -      | -       | -        | 1        | 1        | 4        | -        | 3        | 1        | 1        | -        | -         | -        | -        |
| 52       | 42        | 36        | 496     | 46     | 9      | 6      | 2      | 9       | 3        | 4        | 7        | 8        | 8        | 12       | 10       | 15       | 9        | -         | -        | -        |
| 52       | 40        | 30        | 390     | 41     | 4      | 3      | 3      | 9       | 8        | 5        | 14       | 11       | 11       | 8        | 13       | 20       | 15       | 1         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 224      | 197       | 214       | 72      | 34     | 17     | 7      | 5      | 6       | 31       | 165      | 767      | 706      | 419      | 251      | 146      | 82       | 6        | 1         | -        | 4        |
| 188      | 191       | 206       | 50      | 26     | 22     | 10     | 8      | 23      | 50       | 234      | 859      | 569      | 293      | 168      | 113      | 54       | 20       | 3         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 20       | 16        | 16        | 100     | 71     | 24     | 13     | 10     | 15      | 1        | 2        | 5        | 5        | 2        | -        | -        | -        | -        | -         | -        | -        |
| 19       | 19        | 20        | 72      | 43     | 25     | 17     | 8      | 13      | 7        | 7        | 7        | 2        | 2        | -        | -        | -        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 820      | 889       | 1,125     | 2,064   | 608    | 239    | 123    | 82     | 212     | 150      | 213      | 571      | 832      | 987      | 1,454    | 1,890    | 1,893    | 826      | 67        | -        | 6        |
| 829      | 871       | 1,058     | 1,659   | 571    | 212    | 123    | 66     | 229     | 144      | 193      | 633      | 755      | 951      | 1,394    | 1,851    | 1,963    | 938      | 146       | 4        | 4        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 241      | 236       | 291       | 631     | 188    | 88     | 48     | 29     | 83      | 41       | 40       | 99       | 158      | 221      | 361      | 503      | 575      | 261      | 14        | -        | 2        |
| 231      | 211       | 272       | 456     | 155    | 59     | 37     | 25     | 66      | 39       | 37       | 91       | 124      | 184      | 299      | 508      | 612      | 312      | 42        | -        | 1        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 47       | 47        | 47        | 313     | 116    | 54     | 34     | 20     | 55      | 16       | 19       | 34       | 32       | 22       | 21       | 21       | 11       | 5        | -         | -        | 1        |
| 46       | 38        | 42        | 239     | 103    | 39     | 26     | 17     | 43      | 26       | 16       | 20       | 17       | 19       | 19       | 11       | 14       | 4        | 1         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 70       | 80        | 114       | 8       | 2      | 1      | 2      | -      | 1       | 2        | 5        | 12       | 47       | 80       | 169      | 287      | 295      | 130      | 3         | -        | 1        |
| 99       | 77        | 106       | 8       | -      | -      | 1      | -      | 3       | 2        | 2        | 13       | 38       | 96       | 151      | 293      | 337      | 154      | 19        | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 45       | 37        | 47        | 5       | 4      | 2      | 1      | -      | 5       | 5        | 3        | 12       | 39       | 56       | 90       | 97       | 156      | 74       | 3         | -        | -        |
| 35       | 44        | 49        | 5       | 1      | 2      | 1      | 1      | 2       | 1        | 4        | 9        | 16       | 33       | 72       | 104      | 152      | 101      | 14        | -        | 1        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 12       | 10        | 9         | -       | -      | -      | -      | -      | -       | -        | 1        | 3        | 7        | 10       | 10       | 22       | 22       | 16       | 3         | -        | -        |
| 6        | 5         | 11        | -       | -      | -      | -      | -      | -       | -        | -        | 3        | 11       | 7        | 17       | 29       | 39       | 17       | 3         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 6        | 2         | 6         | 1       | -      | -      | 1      | -      | 1       | 8        | 3        | 16       | 13       | 12       | 7        | 6        | 6        | 1        | -         | -        | -        |
| 3        | 6         | 6         | -       | 3      | 1      | -      | -      | 1       | 5        | 6        | 16       | 11       | 7        | 4        | 5        | 7        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 1        | 3         | 2         | 6       | -      | -      | -      | -      | 1       | 2        | 5        | 5        | 3        | 1        | 3        | 1        | -        | -        | -         | -        | -        |
| -        | -         | -         | 2       | -      | -      | -      | -      | -       | -        | 1        | 1        | 1        | -        | -        | -        | -        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 31       | 30        | 33        | 281     | 61     | 27     | 9      | 6      | 10      | 1        | -        | 1        | 1        | 3        | 1        | -        | -        | -        | -         | -        | -        |
| 21       | 19        | 25        | 185     | 46     | 17     | 7      | 7      | 11      | 2        | 3        | 14       | 18       | 3        | -        | -        | 1        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 9        | 11        | 10        | 15      | 5      | 4      | 1      | 2      | 9       | 4        | 3        | 16       | 12       | 20       | 25       | 14       | 17       | 5        | -         | -        | -        |
| 11       | 8         | 16        | 16      | 2      | -      | 2      | -      | 5       | 2        | 5        | 7        | 9        | 11       | 15       | 22       | 15       | 7        | 2         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 5        | 3         | 6         | -       | -      | -      | -      | -      | -       | -        | -        | -        | 1        | 2        | 7        | 12       | 24       | 6        | 1         | -        | -        |
| 1        | 1         | 4         | -       | -      | -      | -      | -      | 1       | -        | -        | 2        | 1        | -        | 4        | 13       | 11       | 8        | 1         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 12       | 11        | 14        | -       | -      | -      | -      | -      | -       | -        | -        | -        | 5        | 7        | 23       | 34       | 34       | 19       | 4         | -        | -        |
| 8        | 8         | 9         | -       | -      | -      | -      | -      | -       | 1        | 1        | 3        | -        | 3        | 11       | 20       | 25       | 19       | 2         | -        | -        |

TABLE IX. — Continued.

| CAUSES OF DEATH.                                 | DEATHS.    |         | MONTHS.  |           |        |        |      |       |       |         |            |
|--|------------|---------|----------|-----------|--------|--------|------|-------|-------|---------|------------|
|  | SEX.       | Totals. | January. | February. | March. | April. | May. | June. | July. | August. | September. |
| III. 1. <i>Nervous System</i> — Con.             |            |         |          |           |        |        |      |       |       |         |            |
| Neuralgia, . . . . .                             | Totals, .  | 80      | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|  | Males, .   | 37      | -        | -         | 1      | 5      | 3    | 3     | 3     | 3       | 2          |
|  | Females, . | 43      | 3        | 5         | 2      | 7      | 4    | 2     | 2     | 3       | 5          |
| III. 2. <i>Organs of Circulation</i> , . . . . . | Totals, .  | 4,368   | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|  | Males, .   | 2,222   | 241      | 215       | 181    | 197    | 191  | 163   | 147   | 160     | 147        |
|  | Females, . | 2,146   | 229      | 205       | 196    | 194    | 184  | 150   | 143   | 131     | 160        |
| Pericarditis, . . . . .                          | Totals, .  | 376     | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|  | Males, .   | 181     | 17       | 14        | 18     | 16     | 13   | 14    | 15    | 12      | 10         |
|  | Females, . | 195     | 24       | 11        | 21     | 24     | 11   | 12    | 17    | 18      | 10         |
| Aneurism, . . . . .                              | Totals, .  | 49      | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|  | Males, .   | 37      | 4        | 5         | 2      | 4      | 2    | 4     | 3     | 5       | 1          |
|  | Females, . | 12      | 2        | 1         | 1      | 1      | 2    | -     | -     | 1       | 2          |
| Heart Disease, . . . . .                         | Totals, .  | 3,691   | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|  | Males, .   | 1,863   | 207      | 190       | 147    | 160    | 160  | 138   | 122   | 130     | 126        |
|  | Females, . | 1,828   | 197      | 187       | 163    | 157    | 166  | 130   | 118   | 106     | 140        |
| — Angina Pectoris, . . . . .                     | Totals, .  | 152     | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|  | Males, .   | 100     | 9        | 3         | 11     | 12     | 9    | 5     | 4     | 10      | 7          |
|  | Females, . | 52      | 2        | 3         | 5      | 4      | 3    | 4     | 4     | 1       | 4          |
| — Embolism, . . . . .                            | Totals, .  | 100     | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|  | Males, .   | 41      | 4        | 3         | 3      | 5      | 7    | 2     | 3     | 3       | 3          |
|  | Females, . | 59      | 4        | 3         | 6      | 8      | 2    | 4     | 4     | 5       | 4          |
| III. 3. <i>Respiratory Organs</i> , . . . . .    | Totals, .  | 7,130   | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|  | Males, .   | 3,510   | 621      | 497       | 377    | 361    | 295  | 204   | 113   | 114     | 116        |
|  | Females, . | 3,620   | 775      | 477       | 408    | 345    | 265  | 174   | 109   | 101     | 140        |
| Epistaxis, . . . . .                             | Males, .   | 1       | -        | -         | -      | -      | 1    | -     | -     | -       | -          |
| Laryngitis, . . . . .                            | Totals, .  | 83      | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|  | Males, .   | 49      | 7        | 6         | 6      | 2      | 1    | 1     | 2     | 4       | 2          |
|  | Females, . | 34      | 6        | 3         | 2      | 3      | 1    | 2     | 1     | 2       | 3          |
| Bronchitis, . . . . .                            | Totals, .  | 1,448   | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|  | Males, .   | 651     | 112      | 93        | 69     | 67     | 59   | 33    | 20    | 18      | 15         |
|  | Females, . | 797     | 150      | 97        | 94     | 57     | 68   | 46    | 29    | 26      | 33         |
| Plueritis, . . . . .                             | Totals, .  | 201     | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|  | Males, .   | 118     | 8        | 13        | 8      | 18     | 11   | 13    | 8     | 7       | 9          |
|  | Females, . | 83      | 14       | 15        | 8      | 7      | 3    | 6     | 3     | 3       | 3          |
| Pneumonia, . . . . .                             | Totals, .  | 4,993   | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|  | Males, .   | 2,496   | 467      | 366       | 280    | 253    | 204  | 138   | 68    | 77      | 74         |
|  | Females, . | 2,497   | 566      | 345       | 287    | 254    | 181  | 108   | 71    | 54      | 87         |
| Asthma, . . . . .                                | Totals, .  | 109     | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|  | Males, .   | 55      | 11       | 6         | 3      | 6      | 6    | 8     | -     | 2       | 7          |
|  | Females, . | 54      | 15       | 4         | 1      | 6      | 3    | 2     | 2     | 6       | 1          |
| Lung Diseases, . . . . .                         | Totals, .  | 295     | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|  | Males, .   | 140     | 16       | 13        | 11     | 15     | 13   | 11    | 15    | 6       | 9          |
|  | Females, . | 155     | 24       | 13        | 16     | 18     | 9    | 10    | 3     | 10      | 13         |
| III. 4. <i>Digestive Organs</i> , . . . . .      | Totals, .  | 3,310   | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|  | Males, .   | 1,593   | 92       | 74        | 89     | 89     | 105  | 141   | 232   | 271     | 186        |
|  | Females, . | 1,717   | 104      | 115       | 111    | 117    | 114  | 110   | 242   | 280     | 190        |
| Gastritis, . . . . .                             | Totals, .  | 254     | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|  | Males, .   | 104     | 8        | 6         | 9      | 5      | 14   | 4     | 15    | 10      | 6          |
|  | Females, . | 150     | 13       | 10        | 11     | 13     | 11   | 11    | 17    | 15      | 13         |
| Enteritis, . . . . .                             | Totals, .  | 1,238   | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|  | Males, .   | 621     | 19       | 14        | 11     | 20     | 18   | 49    | 127   | 169     | 109        |
|  | Females, . | 617     | 17       | 23        | 21     | 21     | 26   | 21    | 134   | 176     | 92         |

*Nosological Arrangement.*

| MONTHS.    |            |            | AGES.      |            |            |          |          |          |          |          |            |            |            |            |            |            |            |           |          |          |
|------------|------------|------------|------------|------------|------------|----------|----------|----------|----------|----------|------------|------------|------------|------------|------------|------------|------------|-----------|----------|----------|
| October.   | November.  | December.  | Under 1    | 1 to 2     | 2 to 3     | 3 to 4   | 4 to 5   | 5 to 10  | 10 to 15 | 15 to 20 | 20 to 30   | 30 to 40   | 40 to 50   | 50 to 60   | 60 to 70   | 70 to 80   | 80 to 90   | 90 to 100 | Over 100 | Unknown. |
| 3<br>1     | 2<br>5     | 3<br>4     | 2<br>1     | -          | -          | -        | -        | -        | -        | 1<br>-   | -          | -          | 6<br>5     | 7<br>6     | 10<br>11   | 6<br>11    | 5<br>2     | -         | -        | -        |
| 172<br>168 | 193<br>191 | 215<br>195 | 92<br>54   | 9<br>10    | 2<br>8     | 4<br>2   | 4<br>5   | 18<br>31 | 22<br>27 | 28<br>39 | 107<br>116 | 141<br>160 | 184<br>196 | 360<br>340 | 508<br>466 | 514<br>449 | 214<br>217 | 13<br>25  | -        | -        |
| 14<br>18   | 20<br>16   | 18<br>13   | 3<br>-     | 2<br>2     | -          | -        | 2<br>1   | 4<br>12  | 4<br>8   | 6<br>8   | 14<br>17   | 19<br>23   | 22<br>13   | 36<br>27   | 26<br>30   | 35<br>27   | 6<br>21    | 2<br>4    | -        | -        |
| -          | -          | -          | -          | -          | -          | -        | -        | -        | -        | -        | -          | 4<br>3     | 7<br>-     | 13<br>1    | 4<br>3     | 6<br>2     | 1<br>1     | -         | -        | -        |
| 149<br>139 | 159<br>158 | 175<br>167 | 89<br>54   | 5<br>8     | 2<br>6     | 4<br>2   | -<br>4   | 14<br>19 | 18<br>17 | 18<br>31 | 86<br>87   | 112<br>128 | 143<br>171 | 284<br>291 | 440<br>406 | 440<br>396 | 195<br>186 | 11<br>21  | -        | -        |
| 5<br>4     | 6<br>8     | 19<br>10   | -          | 2<br>-     | -          | -        | 1<br>-   | -        | -        | 1<br>-   | 5<br>1     | 4<br>1     | 8<br>5     | 15<br>10   | 26<br>13   | 26<br>18   | 12<br>4    | -         | -        | -        |
| 2<br>7     | 5<br>7     | 1<br>5     | -          | -          | -          | -        | 1<br>-   | -        | -        | 3<br>-   | -          | 2<br>5     | 4<br>7     | 12<br>11   | 12<br>14   | 7<br>6     | -          | -         | -        | -        |
| 156<br>202 | 260<br>269 | 396<br>355 | 743<br>664 | 326<br>295 | 114<br>120 | 53<br>60 | 33<br>24 | 68<br>77 | 30<br>27 | 63<br>36 | 184<br>174 | 303<br>189 | 299<br>248 | 341<br>341 | 393<br>460 | 350<br>539 | 185<br>298 | 25<br>65  | -        | -        |
| -          | -          | -          | -          | -          | -          | -        | -        | -        | 1<br>-   | -        | -          | -          | -          | -          | -          | -          | -          | -         | -        | -        |
| 4<br>2     | 9<br>5     | 5<br>4     | 8<br>4     | 4<br>7     | 7<br>5     | 3<br>4   | 3<br>2   | 4<br>2   | 1<br>-   | 1<br>3   | 4<br>3     | 6<br>2     | 2<br>-     | 2<br>-     | 2<br>2     | 2<br>2     | 1<br>-     | -         | -        | -        |
| 35<br>44   | 49<br>65   | 81<br>88   | 271<br>232 | 71<br>43   | 16<br>23   | 6<br>12  | 1<br>6   | 6<br>11  | 3<br>3   | 3<br>7   | 6<br>15    | 11<br>14   | 19<br>26   | 35<br>53   | 67<br>96   | 79<br>142  | 48<br>92   | 9<br>22   | -        | -        |
| 9<br>8     | 4<br>5     | 10<br>8    | 7<br>4     | 10<br>4    | 4<br>3     | 3<br>3   | 2<br>-   | 2<br>3   | 1<br>1   | -        | 17<br>10   | 17<br>10   | 14<br>12   | 18<br>8    | 12<br>7    | 10<br>9    | 1<br>8     | -         | -        | -        |
| 101<br>126 | 186<br>178 | 282<br>240 | 441<br>411 | 239<br>237 | 86<br>87   | 41<br>41 | 27<br>16 | 52<br>60 | 22<br>22 | 55<br>25 | 144<br>133 | 245<br>143 | 237<br>191 | 252<br>243 | 283<br>319 | 237<br>351 | 120<br>181 | 15<br>34  | -        | -        |
| -          | 2<br>5     | 4<br>3     | 4<br>1     | -          | -          | -        | -        | 1<br>-   | 1<br>-   | 1<br>-   | 1<br>1     | 2<br>2     | 8<br>5     | 9<br>10    | 15<br>14   | 7<br>11    | 5<br>7     | 1<br>3    | -        | -        |
| 7<br>17    | 10<br>10   | 14<br>12   | 12<br>12   | 2<br>4     | 1<br>2     | -        | -        | 3<br>1   | 1<br>1   | 4<br>2   | 12<br>12   | 22<br>18   | 19<br>14   | 25<br>27   | 14<br>22   | 15<br>24   | 10<br>10   | 6<br>-    | -        | -        |
| 134<br>120 | 87<br>96   | 93<br>118  | 562<br>458 | 79<br>103  | 27<br>20   | 10<br>15 | 13<br>8  | 28<br>32 | 33<br>29 | 49<br>49 | 96<br>116  | 98<br>145  | 135<br>141 | 150<br>175 | 148<br>180 | 120<br>166 | 42<br>67   | 11<br>11  | -        | -        |
| 10<br>5    | 9<br>12    | 8<br>19    | 22<br>22   | 2<br>3     | 2<br>2     | 1<br>1   | 2<br>1   | 1<br>2   | -        | 1<br>3   | 4<br>11    | 8<br>14    | 12<br>13   | 8<br>15    | 16<br>27   | 14<br>22   | 10<br>12   | 1<br>1    | -        | -        |
| 49<br>42   | 20<br>16   | 16<br>28   | 441<br>339 | 67<br>90   | 16<br>11   | 3<br>7   | 4<br>1   | 4<br>7   | 1<br>3   | 3<br>2   | 8<br>8     | 9<br>15    | 10<br>16   | 10<br>31   | 22<br>24   | 14<br>41   | 8<br>20    | 1<br>1    | -        | -        |

TABLE IX. — Continued.

| CAUSES OF DEATH.                       | DEATHS.    |         | MONTHS.  |           |        |        |      |       |       |         |            |
|--|------------|---------|----------|-----------|--------|--------|------|-------|-------|---------|------------|
|  | SEX.       | Totals. | January. | February. | March. | April. | May. | June. | July. | August. | September. |
| III. 4. <i>Digestive Organs</i> — Con. |            |         |          |           |        |        |      |       |       |         |            |
| Peritonitis, . . . . .                 | Totals, .  | 513     | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|  | Males, .   | 197     | 21       | 11        | 19     | 15     | 15   | 14    | 16    | 25      | 13         |
|  | Females, . | 316     | 33       | 30        | 27     | 27     | 19   | 25    | 31    | 30      | 28         |
| Appendicitis, . . . . .                | Totals, .  | 175     | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|  | Males, .   | 120     | 7        | 4         | 4      | 10     | 12   | 11    | 16    | 15      | 7          |
|  | Females, . | 55      | 3        | 6         | 5      | 6      | 6    | 8     | 3     | 8       | 4          |
| Ascites, . . . . .                     | Totals, .  | 23      | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|  | Males, .   | 11      | 1        | 2         | 2      | -      | 1    | 2     | -     | 1       | -          |
|  | Females, . | 12      | -        | 1         | -      | -      | -    | 2     | 1     | 2       | 2          |
| Ulceration of Intestines, . .          | Totals, .  | 38      | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|  | Males, .   | 22      | 1        | 2         | 2      | -      | 6    | 5     | 2     | 1       | -          |
|  | Females, . | 16      | -        | 2         | 1      | 2      | 1    | 2     | 2     | 1       | 1          |
| Hernia, . . . . .                      | Totals, .  | 69      | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|  | Males, .   | 35      | 3        | 5         | 3      | -      | 4    | 3     | 3     | -       | 3          |
|  | Females, . | 34      | 2        | 1         | 1      | 6      | 2    | 5     | 2     | 3       | 3          |
| Ileus, . . . . .                       | Totals, .  | 188     | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|  | Males, .   | 94      | 11       | 5         | 11     | 3      | 13   | 9     | 13    | 6       | 9          |
|  | Females, . | 94      | 8        | 2         | 8      | 8      | 11   | 8     | 9     | 11      | 7          |
| Intussusception, . . . . .             | Totals, .  | 28      | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|  | Males, .   | 16      | 1        | -         | 1      | 1      | 1    | 2     | 2     | 1       | 1          |
|  | Females, . | 12      | 1        | 1         | 1      | 1      | -    | 1     | 3     | 1       | -          |
| Stricture of Bowels, . . . . .         | Totals, .  | 10      | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|  | Males, .   | 7       | 1        | 1         | -      | -      | -    | -     | 1     | 1       | 1          |
|  | Females, . | 3       | 1        | -         | -      | -      | 1    | -     | 1     | -       | -          |
| — Stricture of Oesophagus, . .         | Totals, .  | 5       | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|  | Males, .   | 3       | -        | -         | 1      | -      | -    | 1     | -     | 1       | -          |
|  | Females, . | 2       | -        | -         | -      | -      | 1    | -     | -     | -       | 1          |
| Fistula, . . . . .                     | Totals, .  | 5       | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|  | Males, .   | 4       | 1        | 1         | -      | -      | -    | -     | 1     | -       | -          |
|  | Females, . | 1       | 1        | -         | -      | -      | -    | -     | -     | -       | -          |
| Stomach Disease, . . . . .             | Totals, .  | 161     | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|  | Males, .   | 64      | 3        | 5         | 6      | 8      | 4    | 6     | 2     | 12      | 6          |
|  | Females, . | 97      | 4        | 8         | 9      | 3      | 9    | 10    | 8     | 12      | 11         |
| — Bowel Disease, . . . . .             | Totals, .  | 62      | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|  | Males, .   | 27      | -        | 2         | 1      | 2      | 2    | 1     | 2     | 8       | 2          |
|  | Females, . | 35      | 3        | 5         | 1      | 1      | 2    | 1     | 6     | 5       | 6          |
| — Dyspepsia, . . . . .                 | Totals, .  | 14      | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|  | Males, .   | 7       | -        | -         | 3      | -      | -    | 1     | 1     | -       | 1          |
|  | Females, . | 7       | -        | 2         | -      | 1      | 1    | -     | -     | -       | 1          |
| Hepatitis, . . . . .                   | Totals, .  | 114     | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|  | Males, .   | 57      | 2        | 2         | 6      | 2      | 5    | 6     | 8     | 6       | 9          |
|  | Females, . | 57      | 6        | 8         | 4      | 7      | 7    | -     | 4     | 6       | 6          |
| Jaundice, . . . . .                    | Totals, .  | 71      | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|  | Males, .   | 29      | 3        | 1         | 1      | 3      | 3    | 2     | 1     | 1       | 3          |
|  | Females, . | 42      | 3        | 4         | 3      | 1      | 4    | 3     | 2     | 2       | 4          |
| Liver Disease, . . . . .               | Totals, .  | 342     | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|  | Males, .   | 175     | 10       | 13        | 9      | 20     | 7    | 26    | 22    | 14      | 16         |
|  | Females, . | 167     | 9        | 12        | 19     | 20     | 13   | 13    | 19    | 8       | 11         |
| III. 5. <i>Urinary Organs</i> , . . .  | Totals, .  | 2,619   | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|  | Males, .   | 1,478   | 155      | 116       | 152    | 129    | 121  | 108   | 134   | 110     | 108        |
|  | Females, . | 1,141   | 138      | 99        | 89     | 116    | 80   | 103   | 84    | 69      | 74         |

*Nosological Arrangement.*

| MONTHS.  |           |           | AGES.   |        |        |        |        |         |          |          |          |          |          |          |          |          |          |           |          |          |
|----------|-----------|-----------|---------|--------|--------|--------|--------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|----------|----------|
| October. | November. | December. | Under 1 | 1 to 2 | 2 to 3 | 3 to 4 | 4 to 5 | 5 to 10 | 10 to 15 | 15 to 20 | 20 to 30 | 30 to 40 | 40 to 50 | 50 to 60 | 60 to 70 | 70 to 80 | 80 to 90 | 90 to 100 | Over 100 | Unknown. |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 18       | 15        | 15        | 14      | -      | 4      | 1      | 2      | 8       | 18       | 20       | 29       | 21       | 33       | 23       | 12       | 11       | 1        | -         | -        | -        |
| 23       | 25        | 18        | 11      | 5      | 3      | 4      | 2      | 11      | 15       | 27       | 56       | 65       | 40       | 28       | 25       | 15       | 5        | 3         | -        | 1        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 11       | 7         | 16        | 1       | 1      | -      | 3      | 2      | 7       | 11       | 16       | 29       | 25       | 12       | 8        | 2        | 3        | -        | -         | -        | -        |
| -        | 3         | 3         | -       | -      | -      | -      | -      | 5       | 8        | 7        | 17       | 6        | 5        | 3        | 4        | -        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 1        | -         | 1         | -       | -      | -      | -      | -      | -       | -        | 1        | -        | -        | 4        | 2        | 3        | 1        | -        | -         | -        | -        |
| 1        | 2         | 1         | 2       | -      | -      | -      | -      | -       | -        | -        | 1        | 1        | 1        | 2        | 2        | 2        | -        | 1         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 2        | -         | 1         | 2       | 1      | -      | -      | -      | -       | -        | 1        | 5        | 2        | 2        | 3        | 3        | 2        | 1        | -         | -        | -        |
| 1        | 2         | 1         | -       | -      | -      | 1      | -      | -       | -        | 2        | 4        | 3        | -        | 3        | 1        | 2        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 4        | 5         | 2         | 2       | -      | -      | -      | 1      | -       | -        | 2        | 2        | 1        | 4        | 6        | 5        | 8        | 4        | -         | -        | -        |
| 5        | 2         | 2         | 1       | -      | -      | -      | -      | -       | -        | -        | -        | 1        | 4        | 10       | 11       | 4        | 2        | 1         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 3        | 4         | 7         | 18      | -      | 2      | 1      | 1      | 5       | 1        | 1        | 5        | 5        | 8        | 10       | 10       | 20       | 7        | -         | -        | -        |
| 7        | 10        | 5         | 7       | 1      | 1      | 1      | 1      | 1       | -        | 3        | 4        | 8        | 9        | 12       | 18       | 17       | 9        | 2         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 3        | 1         | 2         | 6       | 3      | 1      | -      | -      | -       | 1        | 1        | 1        | 1        | -        | -        | 2        | -        | -        | -         | -        | -        |
| 1        | -         | 2         | 4       | -      | -      | -      | -      | -       | -        | 1        | -        | 4        | -        | -        | 1        | -        | 2        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| -        | -         | 2         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | 3        | 1        | 1        | 1        | 1        | -         | -        | -        |
| -        | -         | -         | 2       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | 1        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | 1        | 1        | -        | -        | -        | 1        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | 1        | -        | 1        | -        | -         | -        | -        |
| 1        | -         | -         | -       | -      | 1      | -      | -      | -       | -        | -        | -        | 1        | -        | -        | 2        | -        | -        | 1         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 5        | 4         | 3         | 20      | 1      | -      | 1      | 1      | -       | 1        | 2        | 3        | 4        | 7        | 8        | 8        | 7        | 1        | -         | -        | -        |
| 11       | 4         | 8         | 26      | 4      | -      | 1      | -      | 3       | 1        | 3        | 4        | 6        | 6        | 14       | 10       | 12       | 6        | 1         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 4        | 1         | 2         | 18      | 4      | -      | -      | -      | 1       | -        | -        | 1        | -        | 1        | 1        | -        | -        | 1        | -         | -        | -        |
| 1        | 3         | 1         | 19      | -      | 1      | -      | 1      | 1       | -        | -        | -        | -        | 1        | 6        | 1        | 3        | 2        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 1        | -         | -         | 3       | -      | -      | -      | -      | -       | -        | -        | -        | 1        | -        | 2        | -        | 1        | -        | -         | -        | -        |
| 1        | -         | 1         | 3       | -      | -      | -      | -      | -       | -        | -        | -        | 1        | -        | 1        | 1        | 1        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 3        | 1         | 8         | 2       | -      | -      | -      | -      | -       | -        | -        | -        | 4        | 8        | 14       | 21       | 6        | 1        | 1         | -        | -        |
| 4        | 1         | 4         | 3       | -      | -      | -      | -      | -       | -        | 1        | 2        | 5        | 13       | 8        | 15       | 8        | 2        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 4        | 4         | 3         | 13      | -      | 1      | -      | -      | 1       | -        | -        | -        | -        | 5        | 2        | 2        | 5        | -        | -         | -        | -        |
| 5        | 8         | 3         | 18      | -      | 1      | -      | -      | -       | -        | -        | 2        | 3        | 4        | 3        | 8        | 1        | 2        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 15       | 16        | 7         | -       | -      | -      | -      | -      | 1       | -        | 1        | 8        | 15       | 26       | 52       | 39       | 26       | 7        | -         | -        | -        |
| 13       | 8         | 22        | 1       | 1      | 1      | 2      | 2      | 2       | 1        | -        | 7        | 13       | 29       | 38       | 32       | 36       | 4        | 1         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 112      | 108       | 125       | 22      | 5      | 7      | 7      | 2      | 13      | 17       | 27       | 77       | 124      | 143      | 237      | 332      | 331      | 121      | 11        | -        | 2        |
| 94       | 94        | 101       | 16      | 4      | 4      | 8      | 4      | 17      | 19       | 29       | 107      | 109      | 154      | 220      | 222      | 181      | 43       | 3         | -        | 1        |

TABLE IX. — Continued.

| CAUSES OF DEATH.   | DEATHS.    |         | MONTHS.  |           |        |        |      |       |       |         |            |   |
|--|------------|---------|----------|-----------|--------|--------|------|-------|-------|---------|------------|---|
|  | SEX.       | Totals. | January. | February. | March. | April. | May. | June. | July. | August. | September. |   |
| III. 5. <i>Urinary Organs</i> —Con.                          |            |         |          |           |        |        |      |       |       |         |            |   |
| Nephritis (Bright's Dis-<br>ease, etc.), . . . . .           | Totals, .  | 1,697   | -        | -         | -      | -      | -    | -     | -     | -       | -          | - |
|  | Males, .   | 904     | 87       | 72        | 99     | 78     | 86   | 73    | 74    | 65      | 63         | - |
|  | Females, . | 793     | 90       | 63        | 66     | 84     | 56   | 72    | 58    | 50      | 52         | - |
| Diabetes, . . . . .  | Totals, .  | 293     | -        | -         | -      | -      | -    | -     | -     | -       | -          | - |
|  | Males, .   | 136     | 17       | 8         | 14     | 13     | 4    | 7     | 16    | 11      | 10         | - |
|  | Females, . | 157     | 23       | 15        | 13     | 12     | 12   | 11    | 13    | 6       | 10         | - |
| Gravel, etc., . . . . .                                      | Totals, .  | 9       | -        | -         | -      | -      | -    | -     | -     | -       | -          | - |
|  | Males, .   | 6       | 1        | 1         | -      | -      | 2    | 1     | -     | 1       | -          | - |
|  | Females, . | 3       | 1        | -         | -      | 1      | -    | -     | -     | 1       | -          | - |
| Cystitis, . . . . .  | Totals, .  | 166     | -        | -         | -      | -      | -    | -     | -     | -       | -          | - |
|  | Males, .   | 154     | 17       | 8         | 15     | 12     | 8    | 13    | 13    | 9       | 11         | - |
|  | Females, . | 12      | 3        | 1         | 1      | -      | -    | 1     | 1     | 1       | 1          | - |
| Kidney Disease, . . . . .                                    | Totals, .  | 384     | -        | -         | -      | -      | -    | -     | -     | -       | -          | - |
|  | Males, .   | 208     | 25       | 17        | 17     | 20     | 18   | 12    | 22    | 17      | 19         | - |
|  | Females, . | 176     | 21       | 20        | 9      | 19     | 12   | 19    | 12    | 11      | 11         | - |
| — Disease of Prostate, . . . . .                             | Males, .   | 70      | 8        | 10        | 7      | 6      | 3    | 2     | 9     | 7       | 5          | - |
| III. 6. <i>Generative Organs</i> , . . . . .                 |            |         |          |           |        |        |      |       |       |         |            |   |
| — Females, . . . . .   | Females, . | 97      | 15       | 9         | 6      | 7      | 12   | 7     | 2     | 6       | 6          | - |
| Ovarian Dropsy, . . . . .                                    | Females, . | 91      | 15       | 8         | 6      | 5      | 11   | 7     | 2     | 6       | 6          | - |
| Uterus Disease, . . . . .                                    | Females, . | 4       | -        | 1         | -      | 1      | -    | -     | -     | -       | -          | - |
| — Metritis, . . . . .  | Females, . | 2       | -        | -         | -      | 1      | 1    | -     | -     | -       | -          | - |
| III. 7. <i>Organs of Locomotion</i> , . . . . .              |            |         |          |           |        |        |      |       |       |         |            |   |
| — Totals, . . . . .  | Totals, .  | 77      | -        | -         | -      | -      | -    | -     | -     | -       | -          | - |
|  | Males, .   | 46      | 5        | 3         | 5      | 5      | 5    | 3     | 5     | 4       | 4          | - |
|  | Females, . | 31      | 2        | 4         | 6      | 1      | 2    | 2     | 4     | 3       | 3          | - |
| Arthritis, . . . . .   | Females, . | 1       | -        | -         | -      | -      | -    | 1     | -     | -       | -          | - |
| — Hip Disease, . . . . .                                     | Totals, .  | 5       | -        | -         | -      | -      | -    | -     | -     | -       | -          | - |
|  | Males, .   | 3       | -        | 1         | 1      | -      | -    | 1     | -     | -       | -          | - |
|  | Females, . | 2       | -        | 1         | 1      | -      | -    | -     | -     | -       | -          | - |
| — Necrosis, . . . . .  | Totals, .  | 68      | -        | -         | -      | -      | -    | -     | -     | -       | -          | - |
|  | Males, .   | 40      | 5        | 2         | 3      | 3      | 5    | 2     | 5     | 4       | 4          | - |
|  | Females, . | 28      | 2        | 3         | 5      | 1      | 2    | 1     | 4     | 3       | 3          | - |
| Spine Disease, . . . . .                                     | Males, .   | 3       | -        | -         | 1      | 2      | -    | -     | -     | -       | -          | - |
| III. 8. <i>Integumentary System</i> , . . . . .              |            |         |          |           |        |        |      |       |       |         |            |   |
| — Totals, . . . . .  | Totals, .  | 63      | -        | -         | -      | -      | -    | -     | -     | -       | -          | - |
|  | Males, .   | 26      | 3        | 3         | 2      | -      | 1    | -     | 3     | 3       | 3          | - |
|  | Females, . | 37      | 1        | 1         | 4      | 3      | 6    | 4     | 2     | 3       | 3          | - |
| Phlegmon (Abscess), . . . . .                                | Totals, .  | 36      | -        | -         | -      | -      | -    | -     | -     | -       | -          | - |
|  | Males, .   | 15      | 2        | 1         | 1      | -      | -    | -     | 1     | 3       | 1          | - |
|  | Females, . | 21      | 1        | 1         | 3      | 3      | 2    | 2     | 2     | 2       | 1          | - |
| Ulcer, . . . . .   | Females, . | 4       | -        | -         | -      | -      | 2    | -     | -     | 1       | -          | - |
| Skin Disease, . . . . .                                      | Totals, .  | 23      | -        | -         | -      | -      | -    | -     | -     | -       | -          | - |
|  | Males, .   | 11      | 1        | 2         | 1      | -      | 1    | -     | 2     | -       | 2          | - |
|  | Females, . | 12      | -        | -         | 1      | -      | 2    | 2     | -     | -       | 2          | - |
| DEVELOPMENTAL DISEASES, . . . . .                            |            |         |          |           |        |        |      |       |       |         |            |   |
| — Totals, . . . . .  | Totals, .  | 4,944   | -        | -         | -      | -      | -    | -     | -     | -       | -          | - |
|  | Males, .   | 2,347   | 260      | 208       | 172    | 185    | 198  | 163   | 205   | 187     | 222        | - |
|  | Females, . | 2,597   | 255      | 216       | 215    | 212    | 216  | 187   | 223   | 246     | 203        | - |
| IV. 1. <i>Developmental Diseases of Children</i> , . . . . . |            |         |          |           |        |        |      |       |       |         |            |   |
| — Totals, . . . . .  | Totals, .  | 1,694   | -        | -         | -      | -      | -    | -     | -     | -       | -          | - |
|  | Males, .   | 971     | 105      | 70        | 71     | 80     | 89   | 82    | 84    | 60      | 99         | - |
|  | Females, . | 723     | 71       | 59        | 58     | 47     | 59   | 59    | 69    | 56      | 53         | - |

| MONTHS.  |           |           | AGES    |        |        |        |        |         |          |          |          |          |          |          |          |          |          |           |          |          |
|----------|-----------|-----------|---------|--------|--------|--------|--------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|----------|----------|
| October. | November. | December. | Under 1 | 1 to 2 | 2 to 3 | 3 to 4 | 4 to 5 | 5 to 10 | 10 to 15 | 15 to 20 | 20 to 30 | 30 to 40 | 40 to 50 | 50 to 60 | 60 to 70 | 70 to 80 | 80 to 90 | 90 to 100 | Over 100 | Unknown. |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 65       | 73        | 69        | 15      | 4      | 4      | 5      | 2      | 9       | 9        | 23       | 53       | 83       | 108      | 166      | 192      | 178      | 47       | -         | -        | -        |
| 68       | 66        | 68        | 11      | 2      | 4      | 5      | 2      | 8       | 8        | 21       | 79       | 76       | 111      | 157      | 154      | 123      | 31       | 1         | -        | -        |
| 12       | 9         | -         | 1       | -      | 3      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 15       | 12        | 15        | -       | -      | -      | 1      | 1      | 6       | 10       | 3        | 10       | 15       | 18       | 26       | 32       | 16       | 5        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | 1        | -        | 2        | -        | 2        | 1        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | 1        | 1        | 1        | -        | -         | -        | -        |
| 23       | 10        | 15        | 1       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 1        | -         | 2         | -       | -      | -      | 1      | -      | -       | -        | -        | -        | 3        | 2        | 9        | 37       | 57       | 39       | 6         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | 2        | 2        | 4        | 3        | -         | -        | -        |
| 8        | 12        | 21        | 5       | 1      | -      | 2      | 2      | 2       | 2        | 1        | 14       | 22       | 15       | 33       | 50       | 43       | 17       | 1         | -        | -        |
| 10       | 16        | 16        | 5       | 2      | -      | 1      | 3      | 1       | 1        | 5        | 20       | 28       | 23       | 27       | 26       | 24       | 7        | 2         | -        | 1        |
| 4        | 4         | 5         | -       | -      | -      | -      | -      | 1       | -        | -        | -        | -        | -        | 1        | 21       | 35       | 12       | -         | -        | -        |
| 11       | 5         | 11        | 1       | -      | -      | -      | -      | -       | -        | 2        | 25       | 19       | 23       | 13       | 5        | 8        | 1        | -         | -        | -        |
| 10       | 4         | 11        | -       | -      | -      | -      | -      | -       | -        | 2        | 22       | 18       | 22       | 13       | 5        | 8        | 1        | -         | -        | -        |
| 1        | 1         | -         | 1       | -      | -      | -      | -      | -       | -        | -        | 2        | -        | 1        | -        | -        | -        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | 1        | 1        | -        | -        | -        | -        | -        | -         | -        | -        |
| 3        | 2         | -         | -       | -      | 1      | 1      | 1      | -       | -        | -        | 8        | 4        | 3        | 4        | 6        | 3        | 1        | 1         | -        | -        |
| 1        | 3         | 2         | 1       | 1      | 1      | -      | 5      | 2       | 2        | 1        | 3        | 4        | 2        | 4        | 5        | 3        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | 1        | -        | -        | -        | -        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 3        | 2         | 2         | 1       | 1      | 1      | 1      | 1      | 5       | 6        | 4        | 7        | 4        | 3        | 4        | 4        | 2        | 1        | 1         | -        | -        |
| 1        | 3         | -         | -       | 1      | 1      | -      | -      | -       | -        | 1        | 3        | 3        | 2        | 4        | 5        | 3        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | 1        | -        | 1        | -        | -        | -        | 1        | -        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 2        | 3         | 3         | 13      | 1      | -      | -      | -      | 2       | -        | 1        | -        | 4        | 2        | 1        | -        | -        | -        | -         | -        | -        |
| 2        | 2         | 6         | 10      | 3      | -      | 1      | -      | 1       | 1        | -        | 1        | 5        | 3        | 2        | 5        | 5        | 2        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 2        | 2         | 2         | 6       | -      | -      | -      | -      | 2       | -        | 1        | -        | 3        | 2        | 1        | -        | -        | -        | -         | -        | -        |
| -        | 1         | 3         | 2       | 1      | -      | -      | -      | 1       | 1        | -        | -        | 4        | 2        | 1        | 5        | 4        | -        | -         | -        | -        |
| 1        | -         | -         | -       | 1      | -      | -      | -      | -       | -        | -        | -        | -        | 1        | 1        | -        | 1        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| -        | 1         | 1         | 7       | 1      | -      | -      | -      | -       | -        | -        | -        | 1        | -        | -        | -        | -        | 2        | -         | -        | -        |
| 1        | 1         | 3         | 8       | 1      | -      | 1      | -      | -       | -        | -        | 1        | 1        | -        | -        | -        | -        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 167      | 161       | 219       | 1,594   | 31     | 7      | 1      | -      | -       | -        | -        | 1        | 1        | 1        | 13       | 51       | 210      | 348      | 83        | 5        | 1        |
| 211      | 197       | 216       | 1,249   | 24     | 2      | 3      | 1      | 1       | 1        | 10       | 99       | 120      | 27       | 21       | 70       | 279      | 499      | 178       | 12       | 1        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 64       | 70        | 97        | 955     | 14     | 2      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 65       | 55        | 72        | 710     | 11     | -      | 1      | 1      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |

TABLE IX. — Continued.

| CAUSES OF DEATH.  | DEATHS.    |         | MONTHS.  |           |        |        |      |       |       |         |            |
|---|------------|---------|----------|-----------|--------|--------|------|-------|-------|---------|------------|
|   | SEX.       | Totals. | January. | February. | March. | April. | May. | June. | July. | August. | September. |
| IV. 1. <i>Developmental Diseases of Children — Con.</i>   |            |         |          |           |        |        |      |       |       |         |            |
| Premature, . . . . .                                      | Totals, .  | 1,194   | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|   | Males, .   | 692     | 71       | 49        | 48     | 60     | 68   | 56    | 65    | 39      | 61         |
|   | Females, . | 502     | 59       | 37        | 40     | 37     | 43   | 37    | 48    | 38      | 32         |
| Infantile, . . . . .                                      | Totals, .  | 276     | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|   | Males, .   | 154     | 18       | 12        | 13     | 8      | 10   | 14    | 12    | 11      | 24         |
|   | Females, . | 122     | 6        | 13        | 8      | 7      | 10   | 9     | 12    | 11      | 12         |
| Cyanosis, . . . . .                                       | Totals, .  | 73      | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|   | Males, .   | 45      | 2        | 6         | 3      | 4      | 4    | 6     | 3     | 3       | 6          |
|   | Females, . | 28      | 2        | 3         | 2      | -      | 2    | 5     | 3     | 1       | 3          |
| Spina Bifida, . . . . .                                   | Totals, .  | 41      | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|   | Males, .   | 18      | 5        | 1         | 2      | 1      | 1    | 2     | -     | 1       | -          |
|   | Females, . | 23      | 3        | 3         | 3      | -      | 2    | 4     | -     | 2       | 1          |
| Other Malformations, . . . . .                            | Totals, .  | 70      | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|   | Males, .   | 37      | 7        | 1         | 2      | 4      | 4    | 3     | 2     | 1       | 4          |
|   | Females, . | 33      | -        | 3         | 3      | 1      | 1    | 3     | 4     | 2       | 4          |
| Teething, . . . . .                                       | Totals, .  | 40      | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|   | Males, .   | 25      | 2        | 1         | 3      | 3      | 2    | 1     | 2     | 5       | 4          |
|   | Females, . | 15      | 1        | -         | 2      | 2      | 1    | 1     | 2     | 2       | 1          |
| IV. 2. <i>Developmental Diseases of Adults, . . . . .</i> | Females, . | 240     | 21       | 23        | 20     | 22     | 24   | 24    | 25    | 16      | 10         |
| Childbirth, . . . . .                                     | Females, . | 140     | 12       | 11        | 15     | 12     | 18   | 11    | 14    | 10      | 3          |
| — Abortion, . . . . .                                     | Females, . | 11      | -        | 2         | -      | 2      | -    | -     | 1     | 1       | 1          |
| — Miscarriage, . . . . .                                  | Females, . | 3       | -        | 1         | -      | 1      | -    | -     | -     | -       | -          |
| — Puerp. Convulsions, . . . . .                           | Females, . | 86      | 9        | 9         | 5      | 7      | 6    | 13    | 10    | 5       | 6          |
| IV. 3. <i>Old Age, . . . . .</i>                          | Totals, .  | 1,724   | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|   | Males, .   | 691     | 112      | 83        | 56     | 52     | 54   | 49    | 50    | 52      | 38         |
|   | Females, . | 1,033   | 125      | 88        | 85     | 104    | 93   | 69    | 66    | 94      | 67         |
| IV. 4. <i>Atrophy and Debility, . . . . .</i>             | Totals, .  | 1,286   | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|   | Males, .   | 685     | 43       | 55        | 45     | 53     | 55   | 32    | 71    | 75      | 85         |
|   | Females, . | 601     | 38       | 46        | 52     | 39     | 40   | 35    | 63    | 80      | 73         |
| VIOLENT DEATHS, . . . . .                                 | Totals, .  | 2,063   | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|   | Males, .   | 1,502   | 117      | 105       | 102    | 107    | 115  | 152   | 152   | 139     | 142        |
|   | Females, . | 561     | 44       | 49        | 50     | 45     | 45   | 50    | 44    | 34      | 39         |
| V. 1. <i>Accident or Negligence, . . . . .</i>            | Totals, .  | 1,747   | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|   | Males, .   | 1,263   | 99       | 90        | 74     | 80     | 96   | 136   | 122   | 122     | 122        |
|   | Females, . | 484     | 39       | 44        | 38     | 41     | 39   | 43    | 39    | 23      | 36         |
| Fracture, . . . . .                                       | Totals, .  | 208     | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|   | Males, .   | 138     | 8        | 7         | 14     | 6      | 7    | 12    | 7     | 15      | 24         |
|   | Females, . | 70      | 7        | 4         | 4      | 2      | 7    | 7     | 6     | 5       | 7          |
| — R.R. Accidents, . . . . .                               | Totals, .  | 249     | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|   | Males, .   | 232     | 16       | 14        | 10     | 19     | 18   | 20    | 20    | 28      | 26         |
|   | Females, . | 17      | 1        | 1         | 2      | 1      | 3    | 4     | -     | 1       | 1          |
| — Electric R.R. Accidents, . . . . .                      | Males, .   | 8       | -        | -         | -      | 2      | 1    | -     | 1     | 2       | -          |
| Casualty, . . . . .                                       | Totals, .  | 418     | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|   | Males, .   | 327     | 32       | 23        | 22     | 19     | 23   | 35    | 27    | 23      | 31         |
|   | Females, . | 91      | 9        | 6         | 8      | 4      | 11   | 7     | 6     | 7       | 6          |
| Burns and Scalds, . . . . .                               | Totals, .  | 230     | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|   | Males, .   | 86      | 8        | 11        | 5      | 10     | 5    | 9     | 8     | 4       | 5          |
|   | Females, . | 144     | 13       | 10        | 12     | 16     | 12   | 11    | 14    | 8       | 13         |



*Nosological Arrangement.*

| MONTHS.  |           |           | AGES.    |        |        |        |        |         |          |          |          |          |          |          |          |          |          |           |          |          |
|----------|-----------|-----------|----------|--------|--------|--------|--------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|----------|----------|
| October. | November. | December. | Under 1. | 1 to 2 | 2 to 3 | 3 to 4 | 4 to 5 | 5 to 10 | 10 to 15 | 15 to 20 | 20 to 30 | 30 to 40 | 40 to 50 | 50 to 60 | 60 to 70 | 70 to 80 | 80 to 90 | 90 to 100 | Over 100 | Unknown. |
| -        | -         | -         | -        | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 46       | 55        | 74        | 691      | 1      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 48       | 37        | 46        | 502      | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| -        | -         | -         | -        | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 10       | 7         | 15        | 154      | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 10       | 6         | 18        | 121      | 1      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| -        | -         | -         | -        | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 2        | 3         | 3         | 45       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 2        | 4         | 1         | 27       | -      | -      | 1      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| -        | -         | -         | -        | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 2        | 2         | 1         | 17       | 1      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 2        | 2         | 1         | 21       | 1      | -      | -      | 1      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| -        | -         | -         | -        | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 2        | 3         | 4         | 34       | 1      | 2      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 1        | 5         | 6         | 33       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| -        | -         | -         | -        | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 2        | -         | -         | 14       | 11     | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 2        | 1         | -         | 6        | 9      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| -        | -         | -         | -        | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 22       | 17        | 16        | -        | -      | -      | -      | -      | -       | -        | 10       | 96       | 109      | 24       | 1        | -        | -        | -        | -         | -        | -        |
| 13       | 10        | 11        | -        | -      | -      | -      | -      | -       | -        | 6        | 51       | 65       | 17       | 1        | -        | -        | -        | -         | -        | -        |
| 1        | 3         | -         | -        | -      | -      | -      | -      | -       | -        | -        | 5        | 6        | -        | -        | -        | -        | -        | -         | -        | -        |
| 1        | -         | -         | -        | -      | -      | -      | -      | -       | -        | -        | 1        | 2        | -        | -        | -        | -        | -        | -         | -        | -        |
| 7        | 4         | 5         | -        | -      | -      | -      | -      | -       | -        | 4        | 39       | 36       | 7        | -        | -        | -        | -        | -         | -        | -        |
| -        | -         | -         | -        | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 44       | 42        | 59        | -        | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | 45       | 210      | 348       | 83       | 5        |
| 75       | 83        | 84        | -        | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | 64       | 279      | 499       | 178      | 12       |
| -        | -         | -         | -        | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 59       | 49        | 63        | 639      | 17     | 5      | 1      | -      | -       | -        | -        | 1        | 1        | 1        | 13       | 6        | -        | -        | -         | -        | 1        |
| 49       | 42        | 44        | 539      | 13     | 2      | 2      | -      | 1       | 1        | -        | 3        | 11       | 3        | 20       | 6        | -        | -        | -         | -        | -        |
| -        | -         | -         | -        | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 113      | 129       | 129       | 65       | 27     | 30     | 26     | 27     | 66      | 46       | 67       | 262      | 284      | 210      | 169      | 127      | 66       | 21       | -         | -        | 9        |
| 59       | 47        | 55        | 54       | 10     | 17     | 15     | 10     | 31      | 5        | 18       | 87       | 55       | 50       | 59       | 59       | 60       | 38       | 12        | -        | 1        |
| -        | -         | -         | -        | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 96       | 110       | 116       | 64       | 27     | 30     | 26     | 27     | 66      | 45       | 65       | 227      | 231      | 167      | 118      | 97       | 49       | 16       | -         | -        | 8        |
| 47       | 42        | 48        | 53       | 9      | 17     | 15     | 10     | 31      | 4        | 15       | 49       | 40       | 38       | 49       | 50       | 54       | 37       | 12        | -        | 1        |
| -        | -         | -         | -        | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 17       | 8         | 13        | -        | 2      | 2      | 2      | 2      | 2       | 2        | 6        | 19       | 24       | 19       | 26       | 16       | 9        | 7        | -         | -        | -        |
| 7        | 10        | 4         | 1        | -      | 1      | -      | 2      | -       | -        | -        | 2        | -        | 3        | 3        | 8        | 22       | 19       | 9         | -        | -        |
| -        | -         | -         | -        | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 13       | 25        | 23        | -        | -      | -      | -      | 2      | 8       | 5        | 20       | 61       | 51       | 39       | 19       | 14       | 4        | 2        | -         | -        | 7        |
| -        | 1         | 2         | -        | -      | 1      | 1      | -      | -       | -        | 1        | 1        | 2        | 3        | 3        | 2        | 3        | -        | -         | -        | -        |
| 2        | -         | -         | -        | -      | 1      | -      | -      | 2       | -        | -        | 1        | 2        | -        | 1        | 1        | -        | -        | -         | -        | -        |
| -        | -         | -         | -        | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 26       | 38        | 28        | 1        | 3      | 8      | 9      | 5      | 14      | 15       | 12       | 57       | 70       | 49       | 23       | 35       | 21       | 5        | -         | -        | -        |
| 10       | 11        | 6         | 3        | 1      | 4      | 1      | -      | 5       | 2        | 2        | 6        | 5        | 6        | 11       | 11       | 17       | 13       | 3         | -        | 1        |
| -        | -         | -         | -        | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 6        | 10        | 5         | 4        | 15     | 11     | 9      | 7      | 3       | 2        | 4        | 6        | 5        | 6        | 3        | 5        | 6        | -        | -         | -        | -        |
| 12       | 6         | 17        | 2        | 7      | 7      | 10     | 7      | 23      | 1        | 7        | 16       | 14       | 10       | 14       | 14       | 8        | 4        | -         | -        | -        |

TABLE IX. — Concluded.

| CAUSES OF DEATH.                          | DEATHS.    |         | MONTHS.  |           |        |        |      |       |       |         |            |
|---|------------|---------|----------|-----------|--------|--------|------|-------|-------|---------|------------|
|   | SEX.       | Totals. | January. | February. | March. | April. | May. | June. | July. | August. | September. |
| V. 1. <i>Accident or Negligence</i> —Con. |            |         |          |           |        |        |      |       |       |         |            |
| Poison, . . . . .                         | Totals, .  | 77      | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|   | Males, .   | 53      | 9        | 4         | 3      | 2      | 3    | 4     | 6     | 3       | 3          |
|   | Females, . | 24      | 3        | 5         | -      | 1      | -    | 2     | 4     | 2       | 1          |
| Drowning, . . . . .                       | Totals, .  | 244     | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|   | Males, .   | 227     | 10       | -         | 8      | 8      | 22   | 39    | 42    | 33      | 23         |
|   | Females, . | 17      | -        | -         | -      | 5      | 2    | 1     | 2     | 1       | 3          |
| — Lost at Sea, . . . .                    | Males, .   | 44      | 2        | 17        | 2      | 1      | 6    | -     | 2     | -       | 2          |
| Suffocation, . . . . .                    | Totals, .  | 137     | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|   | Males, .   | 86      | 8        | 9         | 8      | 9      | 7    | 8     | 6     | 7       | 4          |
|   | Females, . | 51      | 3        | 10        | 8      | 4      | -    | 3     | 1     | 2       | 2          |
| — Strangulation, . . .                    | Females, . | 3       | -        | -         | -      | -      | 1    | -     | -     | -       | 1          |
| — Illuminating Gas, . .                   | Totals, .  | 27      | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|   | Males, .   | 19      | 1        | 1         | -      | 2      | 2    | 1     | 1     | 2       | -          |
|   | Females, . | 8       | -        | 2         | -      | 1      | -    | -     | -     | -       | -          |
| — Amputation, . . . .                     | Males, .   | 3       | -        | -         | -      | -      | -    | -     | -     | 1       | -          |
| — Electric Shock, . . .                   | Males, .   | 3       | -        | -         | -      | -      | -    | -     | -     | -       | 1          |
| — Exposure, . . . . .                     | Totals, .  | 9       | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|   | Males, .   | 8       | 2        | 2         | 1      | 1      | -    | -     | -     | -       | -          |
|   | Females, . | 1       | -        | 1         | -      | -      | -    | -     | -     | -       | -          |
| — Heat, . . . . .                         | Males, .   | 3       | 1        | -         | -      | -      | -    | -     | -     | 1       | 1          |
| — Lightning, . . . . .                    | Totals, .  | 8       | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|   | Males, .   | 7       | -        | -         | 1      | -      | -    | 5     | 1     | -       | -          |
|   | Females, . | 1       | -        | -         | -      | 1      | -    | -     | -     | -       | -          |
| — Surgical Operation, .                   | Totals, .  | 76      | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|   | Males, .   | 19      | 2        | 2         | -      | 1      | 2    | 3     | 1     | 3       | 2          |
|   | Females, . | 57      | 3        | 5         | 4      | 6      | 3    | 8     | 6     | 2       | 2          |
| V. 2. <i>Infanticide</i> , . . .          | Males, .   | 1       | -        | -         | -      | -      | -    | -     | -     | -       | 1          |
| V. 3. <i>Homicide</i> , . . . . .         | Totals, .  | 24      | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|   | Males, .   | 14      | -        | -         | 3      | 1      | -    | -     | 1     | 2       | 1          |
|   | Females, . | 10      | 1        | -         | 2      | -      | 1    | 1     | -     | 1       | -          |
| V. 4. <i>Suicide</i> , . . . . .          | Totals, .  | 268     | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|   | Males, .   | 205     | 17       | 13        | 19     | 24     | 17   | 15    | 27    | 15      | 17         |
|   | Females, . | 63      | 4        | 4         | 9      | 4      | 5    | 5     | 5     | 5       | 2          |
| Illuminating Gas, . . .                   | Totals, .  | 23      | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|   | Males, .   | 19      | 1        | 2         | 6      | 2      | 2    | 1     | 2     | -       | 1          |
|   | Females, . | 4       | -        | 1         | 1      | -      | -    | 1     | -     | -       | 1          |
| CAUSE NOT SPECIFIED, . .                  | Totals, .  | 320     | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|   | Males, .   | 141     | 17       | 11        | 11     | 12     | 12   | 10    | 10    | 7       | 13         |
|   | Females, . | 179     | 12       | 15        | 15     | 19     | 12   | 12    | 11    | 11      | 15         |
| Hemorrhage, . . . . .                     | Totals, .  | 77      | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|   | Males, .   | 35      | 3        | 4         | 1      | 5      | 5    | 2     | 3     | -       | 3          |
|   | Females, . | 42      | 3        | 5         | 4      | 2      | 3    | 3     | 3     | 2       | 5          |
| Tumor, . . . . .                          | Totals, .  | 97      | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|   | Males, .   | 24      | 4        | 2         | 1      | 1      | 1    | 3     | 1     | 4       | 5          |
|   | Females, . | 73      | 6        | 3         | 7      | 10     | 3    | 5     | 5     | 5       | 6          |
| Unknown, . . . . .                        | Totals, .  | 146     | -        | -         | -      | -      | -    | -     | -     | -       | -          |
|   | Males, .   | 82      | 10       | 5         | 9      | 6      | 6    | 5     | 6     | 3       | 5          |
|   | Females, . | 64      | 3        | 7         | 4      | 7      | 6    | 4     | 3     | 4       | 4          |

*Nosological Arrangement.*

| MONTHS.  |           |           | AGES.   |        |        |        |        |         |          |          |          |          |          |          |          |          |          |           |          |          |
|----------|-----------|-----------|---------|--------|--------|--------|--------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|----------|----------|
| October. | November. | December. | Under 1 | 1 to 2 | 2 to 3 | 3 to 4 | 4 to 5 | 5 to 10 | 10 to 15 | 15 to 20 | 20 to 30 | 30 to 40 | 40 to 50 | 50 to 60 | 60 to 70 | 70 to 80 | 80 to 90 | 90 to 100 | Over 100 | Unknown. |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 5        | 6         | 5         | 4       | 2      | 2      | -      | 2      | 1       | -        | -        | 12       | 5        | 9        | 7        | 8        | -        | -        | 1         | -        | -        |
| 3        | 2         | 1         | 1       | -      | 2      | 1      | 1      | 1       | -        | 2        | 5        | 5        | -        | 3        | 2        | 1        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 12       | 8         | 22        | 1       | 3      | 3      | 5      | 9      | 35      | 21       | 17       | 41       | 45       | 27       | 16       | 3        | -        | -        | -         | -        | 1        |
| 2        | -         | 1         | 2       | -      | 2      | 1      | -      | 2       | -        | 1        | 1        | 1        | 3        | 2        | 3        | -        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 4        | 6         | 2         | -       | -      | -      | -      | -      | -       | -        | 2        | 10       | 10       | 8        | 11       | 2        | 1        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 7        | 6         | 7         | 53      | 2      | 3      | 1      | -      | -       | -        | 1        | 6        | 4        | 4        | 4        | 4        | 3        | 1        | -         | -        | -        |
| 8        | 3         | 7         | 42      | 1      | -      | 1      | -      | -       | -        | 1        | -        | 1        | 1        | 1        | 1        | 1        | 1        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 1        | -         | -         | 2       | -      | -      | -      | -      | -       | -        | -        | -        | 1        | -        | -        | -        | -        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| -        | 3         | 6         | -       | -      | -      | -      | -      | -       | -        | 1        | 5        | 7        | 1        | 1        | 2        | 2        | -        | -         | -        | -        |
| 1        | 3         | 1         | -       | -      | -      | -      | -      | -       | -        | -        | 3        | -        | -        | 2        | 1        | 2        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| -        | -         | 2         | -       | -      | -      | -      | -      | 1       | -        | -        | -        | -        | 1        | 1        | -        | -        | -        | -         | -        | -        |
| 2        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | 1        | 2        | -        | -        | -        | -        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 2        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | 2        | 3        | 2        | 1        | -        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | 1        | -        | -        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | 2        | 2        | 1        | -        | -        | 1        | -        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 3        | 6         | 9         | -       | -      | -      | -      | -      | -       | 1        | 1        | 5        | 3        | 12       | 4        | 3        | 3        | -        | -         | -        | -        |
| -        | -         | -         | 1       | -      | -      | -      | -      | -       | -        | -        | 15       | 11       | -        | 9        | 8        | -        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 1        | 3         | 2         | -       | -      | -      | -      | -      | -       | 1        | 1        | 2        | 6        | 1        | 1        | -        | 1        | 1        | -         | -        | -        |
| 4        | -         | -         | 1       | 1      | -      | -      | -      | -       | 1        | -        | -        | 2        | 2        | 2        | 2        | 1        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 14       | 16        | 11        | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 8        | 5         | 7         | -       | -      | -      | -      | -      | -       | -        | 1        | 31       | 44       | 38       | 42       | 28       | 16       | 4        | -         | -        | 1        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | 3        | 15       | 13       | 10       | 8        | 8        | 5        | 1        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 2        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | 2        | 3        | 4        | 8        | 2        | -        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | 3        | -        | -        | -        | 1        | -        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 14       | 13        | 11        | 53      | 4      | 3      | 1      | -      | 3       | 1        | 3        | 7        | 12       | 15       | 20       | 12       | 6        | 1        | -         | -        | -        |
| 23       | 14        | 20        | 47      | 4      | -      | 1      | 1      | -       | 3        | 2        | 13       | 22       | 19       | 23       | 25       | 8        | 8        | 2         | -        | 1        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 2        | 5         | 2         | 22      | -      | -      | -      | -      | -       | -        | 3        | 2        | 1        | 1        | 4        | 1        | 1        | -        | -         | -        | -        |
| 6        | 3         | 3         | 17      | -      | -      | -      | -      | -       | -        | 1        | 3        | 10       | 4        | 2        | 2        | -        | 2        | -         | 1        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| -        | 1         | 1         | 1       | -      | -      | -      | -      | -       | 1        | -        | 1        | 2        | 4        | 4        | 8        | 4        | -        | -         | -        | -        |
| 11       | 4         | 8         | 1       | -      | -      | 1      | -      | -       | 1        | -        | 2        | 6        | 10       | 15       | 23       | 8        | 5        | 1         | -        | -        |
| -        | -         | -         | -       | -      | -      | -      | -      | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        |
| 12       | 7         | 8         | 30      | 4      | 3      | 1      | -      | 3       | 1        | -        | 4        | 9        | 10       | 12       | 3        | 1        | 1        | -         | -        | -        |
| 6        | 7         | 9         | 29      | 4      | -      | -      | 1      | -       | 2        | 1        | 8        | 6        | 5        | 6        | -        | -        | 1        | -         | -        | 1        |

## TABLE X.—CAUSES OF

*Exhibiting the Number of Deaths in Each County, from*

| CAUSES OF DEATH.                                       | STATE. | Barnstable. | Berkshire. | Bristol. |
|--|--------|-------------|------------|----------|
| <b>All Causes,</b> . . . . .                           | 47,710 | 463         | 1,436      | 4,849    |
| (CLASSES.)   |        |             |            |          |
| I.—ZYMOTIC DISEASES, . . . . .                         | 7,047  | 48          | 219        | 800      |
| II.—CONSTITUTIONAL DISEASES, . . . . .                 | 9,283  | 70          | 239        | 852      |
| III.—LOCAL DISEASES, . . . . .                         | 24,053 | 257         | 753        | 2,393    |
| IV.—DEVELOPMENTAL DISEASES, . . . . .                  | 4,944  | 61          | 153        | 637      |
| V.—VIOLENT DEATHS, . . . . .                           | 2,063  | 22          | 70         | 141      |
| CAUSES UNKNOWN, . . . . .                              | 320    | 5           | 2          | 26       |
| (ORDERS.)  |        |             |            |          |
| I.—1. <i>Miasmatic Diseases,</i> . . . . .             | 6,561  | 43          | 208        | 761      |
| 2. <i>Enthetic Diseases,</i> . . . . .                 | 284    | 3           | 7          | 27       |
| 3. <i>Dietic Diseases,</i> . . . . .                   | 199    | 2           | 4          | 11       |
| 4. <i>Parasitic Diseases,</i> . . . . .                | 3      | —           | —          | 1        |
| II.—1. <i>Diathetic Diseases,</i> . . . . .            | 2,313  | 14          | 63         | 191      |
| 2. <i>Tubercular Diseases,</i> . . . . .               | 6,970  | 56          | 176        | 661      |
| III.—1. <i>Diseases of Nervous System,</i> . . . . .   | 6,389  | 73          | 195        | 663      |
| 2. <i>Diseases of Organs of Circulation,</i> . . . . . | 4,368  | 67          | 149        | 385      |
| 3. <i>Diseases of Respiratory Organs,</i> . . . . .    | 7,130  | 68          | 201        | 704      |
| 4. <i>Diseases of Digestive Organs,</i> . . . . .      | 3,310  | 26          | 114        | 400      |
| 5. <i>Diseases of Urinary Organs,</i> . . . . .        | 2,619  | 21          | 86         | 226      |
| 6. <i>Diseases of Generative Organs,</i> . . . . .     | 97     | 1           | 4          | 4        |
| 7. <i>Diseases of Organs of Locomotion,</i> . . . . .  | 77     | —           | 2          | 7        |
| 8. <i>Diseases of Integumentary System,</i> . . . . .  | 63     | 1           | 2          | 4        |
| IV.—1. <i>Dev. Diseases of Children,</i> . . . . .     | 1,694  | 9           | 56         | 208      |
| 2. <i>Dev. Diseases of Adults,</i> . . . . .           | 240    | 1           | 11         | 13       |
| 3. <i>Dev. Diseases of Old People,</i> . . . . .       | 1,724  | 42          | 59         | 166      |
| 4. <i>Diseases of Nutrition,</i> . . . . .             | 1,286  | 9           | 27         | 250      |
| V.—1. <i>Accident or Negligence,</i> . . . . .         | 1,747  | 15          | 56         | 131      |
| 2. <i>Infanticide,</i> . . . . .                       | 1      | —           | —          | —        |
| 3. <i>Homicide,</i> . . . . .                          | 24     | —           | 1          | —        |
| 4. <i>Suicide,</i> . . . . .                           | 291    | 7           | 13         | 10       |
| <hr/>  |        |             |            |          |
| <i>Causes unknown or ill-defined,</i> . . . . .        | 320    | 5           | 2          | 26       |

DEATH. — (*Nosological Arrangement.*)*Specified Causes (statistically classified), during the Year 1899.*

| Dukes. | Essex. | Franklin. | Hampden. | Hampshire. | Middlesex. | Nantucket. | Norfolk. | Plymouth. | Suffolk. | Worcester. |
|--------|--------|-----------|----------|------------|------------|------------|----------|-----------|----------|------------|
| 88     | 6,057  | 623       | 2,890    | 900        | 8,954      | 69         | 2,177    | 1,708     | 11,946   | 5,550      |
| 8      | 971    | 68        | 524      | 133        | 1,274      | 1          | 301      | 182       | 1,691    | 827        |
| 21     | 1,160  | 110       | 535      | 131        | 1,858      | 13         | 423      | 361       | 2,580    | 930        |
| 40     | 2,951  | 339       | 1,394    | 468        | 4,534      | 44         | 1,116    | 898       | 6,006    | 2,860      |
| 12     | 656    | 81        | 306      | 122        | 892        | 7          | 227      | 172       | 949      | 669        |
| 5      | 280    | 18        | 116      | 41         | 331        | 2          | 95       | 75        | 634      | 233        |
| 2      | 39     | 7         | 15       | 5          | 65         | 2          | 15       | 20        | 86       | 31         |
| 8      | 914    | 64        | 498      | 116        | 1,188      | 1          | 278      | 173       | 1,527    | 782        |
| —      | 29     | 3         | 14       | 10         | 67         | —          | 13       | 4         | 76       | 31         |
| —      | 28     | 1         | 12       | 5          | 19         | —          | 10       | 5         | 88       | 14         |
| —      | —      | —         | —        | 2          | —          | —          | —        | —         | —        | —          |
| 8      | 304    | 44        | 134      | 45         | 468        | 10         | 113      | 106       | 554      | 259        |
| 13     | 856    | 66        | 401      | 86         | 1,390      | 3          | 310      | 255       | 2,026    | 671        |
| 6      | 880    | 93        | 384      | 152        | 1,193      | 21         | 348      | 265       | 1,257    | 859        |
| 21     | 550    | 76        | 222      | 87         | 872        | 10         | 232      | 203       | 1,011    | 483        |
| 8      | 816    | 86        | 362      | 123        | 1,321      | 6          | 255      | 206       | 2,138    | 836        |
| 1      | 358    | 37        | 221      | 44         | 598        | 6          | 137      | 103       | 916      | 349        |
| 4      | 320    | 44        | 191      | 57         | 498        | 1          | 131      | 113       | 613      | 314        |
| —      | 12     | 2         | 6        | 1          | 21         | —          | 1        | 2         | 35       | 8          |
| —      | 9      | —         | 4        | 1          | 16         | —          | 7        | 3         | 23       | 5          |
| —      | 6      | 1         | 4        | 3          | 15         | —          | 5        | 3         | 13       | 6          |
| 3      | 207    | 14        | 139      | 35         | 282        | 1          | 79       | 42        | 390      | 229        |
| —      | 37     | 4         | 24       | 4          | 44         | —          | 11       | 6         | 58       | 27         |
| 7      | 229    | 48        | 70       | 61         | 337        | 4          | 117      | 97        | 236      | 251        |
| 2      | 183    | 15        | 73       | 22         | 229        | 2          | 20       | 27        | 265      | 162        |
| 4      | 234    | 17        | 91       | 37         | 302        | 2          | 84       | 68        | 510      | 196        |
| —      | —      | —         | —        | —          | —          | —          | —        | —         | —        | 1          |
| —      | 1      | —         | 1        | —          | —          | —          | —        | —         | 17       | 4          |
| 1      | 45     | 1         | 24       | 4          | 29         | —          | 11       | 7         | 107      | 32         |
| 2      | 39     | 7         | 15       | 5          | 65         | 2          | 15       | 20        | 86       | 31         |

TABLE X. — Continued.

| CAUSES OF DEATH.                     | STATE. | Barnstable. | Berkshire. | Bristol. |
|--------------------------------------|--------|-------------|------------|----------|
| I.—1. <i>Miasmatic.</i>              |        |             |            |          |
| Totals, . . . . .                    | 6,561  | 43          | 208        | 761      |
| Small-pox, . . . . .                 | 14     | —           | —          | —        |
| Chicken-pox, . . . . .               | —      | —           | —          | —        |
| Measles, . . . . .                   | 241    | —           | 8          | 6        |
| Scarlatina, . . . . .                | 235    | 3           | 7          | 20       |
| Diphtheria, . . . . .                | 866    | 3           | 12         | 50       |
| Cerebro-spinal Meningitis, . . . . . | 240    | 4           | 6          | 11       |
| Quinsy, . . . . .                    | 29     | —           | 1          | 2        |
| Croup, . . . . .                     | 181    | 4           | 6          | 17       |
| Whooping-cough, . . . . .            | 338    | 3           | 5          | 37       |
| Typhoid Fever,* . . . . .            | 612    | 2           | 23         | 59       |
| Erysipelas, . . . . .                | 193    | 1           | 10         | 20       |
| Metria (Puerperal Fever), . . . . .  | 23     | —           | —          | 4        |
| Carbuncle, . . . . .                 | 6      | 1           | —          | —        |
| Influenza, . . . . .                 | 570    | 7           | 15         | 80       |
| Dysentery, . . . . .                 | 268    | 2           | 5          | 32       |
| Diarrhœa, . . . . .                  | 382    | 5           | 20         | 41       |
| Cholera Infantum, . . . . .          | 1,964  | 5           | 71         | 343      |
| Cholera, . . . . .                   | 70     | 1           | 5          | 4        |
| Ague, . . . . .                      | 52     | —           | 2          | 6        |
| Remittent Fever, . . . . .           | 3      | —           | —          | 1        |
| Rheumatism, . . . . .                | 274    | 2           | 12         | 28       |
| I.—2. <i>Enthetic.</i>               |        |             |            |          |
| Totals, . . . . .                    | 284    | 3           | 7          | 27       |
| Syphilis, . . . . .                  | 59     | —           | 2          | 6        |
| Stricture of Urethra, . . . . .      | 2      | —           | —          | 2        |
| Hydrophobia, . . . . .               | —      | —           | —          | —        |
| Glanders, . . . . .                  | —      | —           | —          | —        |
| Malignant Pustule, . . . . .         | —      | —           | —          | —        |
| Septicæmia, . . . . .                | 223    | 3           | 5          | 19       |
| I.—3. <i>Dietic.</i>                 |        |             |            |          |
| Totals, . . . . .                    | 199    | 2           | 4          | 11       |
| Privation, . . . . .                 | —      | —           | —          | —        |
| Purpura and Scurvy, . . . . .        | 29     | 1           | 2          | —        |
| Delirium Tremens, } . . . . .        | 170    | 1           | 2          | 11       |
| Intemperance, }                      |        |             |            |          |
| I.—4. <i>Parasitic.</i>              |        |             |            |          |
| Totals, . . . . .                    | 3      | —           | —          | 1        |
| Thrush, . . . . .                    | 3      | —           | —          | 1        |
| Worms, . . . . .                     | —      | —           | —          | —        |

\* Including "Fever," Typhus Fever, Continued Fever, and "Bilious" Fever.

*Nosological Arrangement.*

[illegible]

TABLE X. — Continued.

| CAUSES OF DEATH.                                 | STATE. | Barnstable. | Berkshire. | Bristol. |
|--|--------|-------------|------------|----------|
| II. — 1. <i>Diathetic.</i>                       |        |             |            |          |
| Totals, . . . . .                                | 2,313  | 14          | 63         | 191      |
| Gout, . . . . .                                  | —      | —           | —          | —        |
| Dropsy, . . . . .                                | 69     | —           | 6          | 12       |
| Anæmia, . . . . .                                | 258    | —           | 2          | 15       |
| Cancer,* . . . . .                               | 1,838  | 13          | 48         | 150      |
| Canker (Noma), . . . . .                         | 9      | —           | —          | —        |
| Mortification, . . . . .                         | 139    | 1           | 7          | 14       |
| II. — 2. <i>Tubercular.</i>                      |        |             |            |          |
| Totals, . . . . .                                | 6,970  | 56          | 176        | 661      |
| Scrofula, . . . . .                              | 98     | —           | 5          | 8        |
| Tabes Mesenterica, . . . . .                     | 1,200  | 7           | 29         | 168      |
| Phthisis, . . . . .                              | 5,221  | 47          | 135        | 464      |
| Hydrocephalus (Tubercular Meningitis), . . . . . | 451    | 2           | 7          | 21       |
| III. — 1. <i>Nervous System.</i>                 |        |             |            |          |
| Totals, . . . . .                                | 6,389  | 73          | 195        | 663      |
| Cephalitis, . . . . .                            | 1,387  | 16          | 34         | 153      |
| Apoplexy, . . . . .                              | 2,162  | 18          | 72         | 164      |
| Paralysis, . . . . .                             | 1,071  | 26          | 40         | 96       |
| Insanity, . . . . .                              | 220    | 2           | 3          | 50       |
| Chorea, . . . . .                                | —      | —           | —          | —        |
| Epilepsy, . . . . .                              | 141    | 1           | 4          | 11       |
| Tetanus, . . . . .                               | 33     | —           | —          | 7        |
| Convulsions, . . . . .                           | 718    | 2           | 22         | 138      |
| Brain Diseases, etc., . . . . .                  | 657    | 8           | 20         | 44       |
| III. — 2. <i>Organs of Circulation.</i>          |        |             |            |          |
| Totals, . . . . .                                | 4,368  | 67          | 149        | 385      |
| Pericarditis, . . . . .                          | 376    | 8           | 10         | 34       |
| Aneurism, . . . . .                              | 49     | 3           | 3          | 1        |
| Heart Diseases, etc., . . . . .                  | 3,943  | 56          | 136        | 350      |
| III. — 3. <i>Respiratory Organs.</i>             |        |             |            |          |
| Totals, . . . . .                                | 7,130  | 68          | 201        | 704      |
| Epistaxis, . . . . .                             | 1      | —           | —          | —        |
| Laryngitis, . . . . .                            | 83     | 1           | 2          | 13       |
| Bronchitis, . . . . .                            | 1,448  | 9           | 33         | 177      |
| Pleuritis, . . . . .                             | 201    | 3           | 6          | 20       |
| Pneumonia, . . . . .                             | 4,993  | 53          | 149        | 454      |
| Asthma, . . . . .                                | 109    | 1           | 4          | 12       |
| Lung Diseases, etc., . . . . .                   | 295    | 1           | 7          | 28       |

\* Including 881 cases of Cancer part not stated, 342 Cancer of Stomach, 1 Cancer of Bowels, 248 Cancer of Liver, 197 Cancer of Uterus, 118 Cancer of Breast, 27 Cancer of Kidney, 24 of Epithelioma.



*Nosological Arrangement.*

| Dukes. | Essex. | Franklin. | Hampden. | Hampshire. | Middlesex. | Nantucket. | Norfolk. | Plymouth. | Suffolk. | Worcester. |
|--------|--------|-----------|----------|------------|------------|------------|----------|-----------|----------|------------|
| 8      | 304    | 44        | 134      | 45         | 468        | 10         | 113      | 106       | 554      | 259        |
| -      | -      | -         | -        | -          | -          | -          | -        | -         | -        | -          |
| 1      | 9      | 3         | 3        | 1          | 8          | -          | 3        | 2         | 7        | 14         |
| -      | 34     | 1         | 16       | 4          | 72         | 4          | 15       | 10        | 60       | 25         |
| 7      | 247    | 38        | 106      | 35         | 359        | 6          | 85       | 84        | 459      | 201        |
| -      | -      | -         | -        | 1          | 3          | -          | -        | 1         | 3        | 1          |
| -      | 14     | 2         | 9        | 4          | 26         | -          | 10       | 9         | 25       | 18         |
| 13     | 856    | 66        | 401      | 86         | 1,390      | 3          | 310      | 255       | 2,026    | 671        |
| 1      | 18     | -         | 3        | 1          | 15         | -          | 4        | 4         | 21       | 18         |
| 2      | 171    | 2         | 64       | 4          | 256        | 2          | 48       | 34        | 348      | 65         |
| 9      | 607    | 62        | 299      | 78         | 1,035      | 1          | 242      | 207       | 1,490    | 545        |
| 1      | 60     | 2         | 35       | 3          | 84         | -          | 16       | 10        | 167      | 43         |
| 6      | 880    | 93        | 384      | 152        | 1,193      | 21         | 348      | 265       | 1,257    | 859        |
| 3      | 173    | 21        | 110      | 20         | 255        | 3          | 65       | 41        | 298      | 195        |
| 2      | 313    | 40        | 114      | 59         | 416        | 3          | 114      | 106       | 463      | 278        |
| -      | 188    | 12        | 61       | 32         | 190        | 5          | 70       | 56        | 159      | 136        |
| -      | 9      | -         | 5        | 12         | 26         | -          | 23       | 2         | 34       | 54         |
| -      | -      | -         | -        | -          | -          | -          | -        | -         | -        | -          |
| -      | 11     | 1         | 14       | 6          | 28         | -          | 8        | 10        | 18       | 29         |
| -      | 4      | 1         | 3        | -          | 3          | -          | -        | -         | 11       | 4          |
| -      | 106    | 6         | 38       | 6          | 147        | 2          | 29       | 20        | 106      | 96         |
| 1      | 76     | 12        | 39       | 17         | 128        | 8          | 39       | 30        | 168      | 67         |
| 21     | 550    | 76        | 222      | 87         | 872        | 10         | 232      | 203       | 1,011    | 483        |
| -      | 26     | 3         | 19       | 1          | 91         | 3          | 8        | 7         | 135      | 31         |
| -      | 8      | -         | 1        | -          | 11         | -          | 2        | 2         | 16       | 2          |
| 21     | 516    | 73        | 202      | 86         | 770        | 7          | 222      | 194       | 860      | 450        |
| 8      | 816    | 86        | 362      | 123        | 1,321      | 6          | 255      | 206       | 2,138    | 836        |
| -      | -      | -         | -        | -          | 1          | -          | -        | -         | -        | -          |
| -      | 10     | 2         | 3        | 1          | 21         | -          | 1        | 5         | 16       | 8          |
| -      | 157    | 14        | 104      | 22         | 267        | -          | 48       | 40        | 417      | 160        |
| -      | 24     | -         | 8        | 5          | 37         | 1          | 7        | 5         | 62       | 23         |
| 6      | 579    | 64        | 228      | 91         | 929        | 5          | 185      | 148       | 1,515    | 587        |
| 1      | 17     | 2         | 4        | -          | 22         | -          | 2        | 2         | 26       | 16         |
| 1      | 29     | 4         | 15       | 4          | 44         | -          | 12       | 6         | 102      | 42         |

TABLE X. — Continued.

| CAUSES OF DEATH.                         | STATE. | Barnstable. | Berkshire. | Bristol. |
|--|--------|-------------|------------|----------|
| III. — 4. <i>Digestive Organs.</i>       |        |             |            |          |
| Totals, . . . . .                        | 3,310  | 26          | 114        | 400      |
| Gastritis, . . . . .                     | 254    | 2           | 14         | 30       |
| Enteritis, . . . . .                     | 1,238  | 3           | 25         | 232      |
| Peritonitis, . . . . .                   | 513    | 3           | 21         | 44       |
| Appendicitis, . . . . .                  | 175    | —           | 2          | 12       |
| Ascites, . . . . .                       | 23     | 1           | 2          | 2        |
| Ulceration of Intestines, . . . . .      | 38     | —           | —          | 2        |
| Hernia, . . . . .                        | 69     | —           | 6          | 6        |
| Ileus, . . . . .                         | 188    | 1           | 1          | 20       |
| Intussusception, . . . . .               | 28     | —           | 1          | 2        |
| Stricture of Intestines, . . . . .       | 15     | 1           | 3          | 1        |
| Fistula, . . . . .                       | 5      | —           | —          | —        |
| <i>Stomach Diseases, etc.,</i> . . . . . | 237    | 3           | 10         | 15       |
| <i>Pancreas Disease,</i> . . . . .       | —      | —           | —          | —        |
| Hepatitis, . . . . .                     | 114    | 1           | 5          | 7        |
| Jaundice, . . . . .                      | 71     | 1           | 6          | 6        |
| <i>Liver Diseases, etc.,</i> . . . . .   | 342    | 10          | 18         | 21       |
| Spleen Disease, . . . . .                | —      | —           | —          | —        |
| III. — 5. <i>Urinary Organs.</i>         |        |             |            |          |
| Totals, . . . . .                        | 2,619  | 21          | 86         | 226      |
| Nephritis, . . . . .                     | 1,697  | 7           | 52         | 143      |
| Ischuria, . . . . .                      | —      | —           | —          | —        |
| Diabetes, . . . . .                      | 293    | 6           | 10         | 23       |
| Calculus (Gravel, etc.), . . . . .       | 9      | —           | —          | 1        |
| Cystitis, . . . . .                      | 166    | 2           | 7          | 18       |
| <i>Kidney Diseases,</i> . . . . .        | 454    | 6           | 17         | 41       |
| III. — 6. <i>Generative Organs.</i>      |        |             |            |          |
| Totals, . . . . .                        | 97     | 1           | 4          | 4        |
| Ovarian Dropsy, . . . . .                | 91     | 1           | 3          | 3        |
| <i>Uterus Diseases, etc.,</i> . . . . .  | 6      | —           | 1          | 1        |
| III. — 7. <i>Organs of Locomotion.</i>   |        |             |            |          |
| Totals, . . . . .                        | 77     | —           | 2          | 7        |
| Arthritis, . . . . .                     | 1      | —           | —          | —        |
| <i>Joint Diseases, etc.,*</i> . . . . .  | 76     | —           | 2          | 7        |
| III. — 8. <i>Integumentary System.</i>   |        |             |            |          |
| Totals, . . . . .                        | 63     | 1           | 2          | 4        |
| Phlegmon, . . . . .                      | 36     | 1           | 1          | 3        |
| Ulcer, . . . . .                         | 4      | —           | 1          | —        |
| <i>Skin Diseases, etc.,</i> . . . . .    | 23     | —           | —          | 1        |

\* Including 3 Disease of Spine, and 5 Hip Disease.

*Nosological Arrangement.*

| Dukes. | Essex. | Franklin. | Hampden. | Hampshire. | Middlesex. | Nantucket. | Norfolk. | Plymouth. | Suffolk. | Worcester. |
|--------|--------|-----------|----------|------------|------------|------------|----------|-----------|----------|------------|
| 1      | 358    | 37        | 221      | 44         | 598        | 6          | 137      | 103       | 916      | 349        |
| 1      | 26     | 4         | 14       | 2          | 51         | 1          | 8        | 12        | 62       | 27         |
| -      | 131    | 5         | 80       | 12         | 231        | 4          | 42       | 24        | 358      | 91         |
| -      | 53     | 6         | 33       | 5          | 87         | 1          | 22       | 25        | 147      | 66         |
| -      | 19     | 1         | 14       | 3          | 22         | -          | 9        | 7         | 57       | 29         |
| -      | 2      | 2         | 1        | 2          | 1          | -          | 1        | -         | 4        | 5          |
| -      | 8      | -         | 5        | -          | 7          | -          | 2        | -         | 10       | 4          |
| -      | 6      | 3         | 2        | -          | 19         | -          | -        | 3         | 19       | 5          |
| -      | 20     | 1         | 11       | 3          | 39         | -          | 12       | 9         | 50       | 21         |
| -      | 6      | 1         | 2        | 2          | 5          | -          | -        | -         | 8        | 1          |
| -      | -      | -         | 1        | -          | 7          | -          | 2        | -         | -        | -          |
| -      | 1      | -         | -        | -          | 2          | -          | -        | -         | 2        | -          |
| -      | 36     | 6         | 24       | 4          | 37         | -          | 8        | 3         | 59       | 32         |
| -      | -      | -         | -        | -          | -          | -          | -        | -         | -        | -          |
| -      | 10     | 3         | 10       | 2          | 21         | -          | 10       | 6         | 24       | 15         |
| -      | 6      | -         | 4        | -          | 10         | -          | 4        | 1         | 19       | 14         |
| -      | 34     | 5         | 20       | 9          | 59         | -          | 17       | 13        | 97       | 39         |
| -      | -      | -         | -        | -          | -          | -          | -        | -         | -        | -          |
| 4      | 320    | 44        | 191      | 57         | 498        | 1          | 131      | 113       | 613      | 314        |
| 2      | 203    | 29        | 134      | 38         | 321        | 1          | 81       | 73        | 407      | 206        |
| -      | -      | -         | -        | -          | -          | -          | -        | -         | -        | -          |
| -      | 38     | 4         | 22       | 6          | 43         | -          | 20       | 16        | 69       | 36         |
| -      | -      | -         | -        | -          | 1          | -          | 1        | -         | 5        | 1          |
| -      | 22     | 3         | 10       | 3          | 43         | -          | 10       | 3         | 25       | 20         |
| 2      | 57     | 8         | 25       | 10         | 90         | -          | 19       | 21        | 107      | 51         |
| -      | 12     | 2         | 6        | 1          | 21         | -          | 1        | 2         | 35       | 8          |
| -      | 11     | 2         | 6        | 1          | 19         | -          | 1        | 2         | 34       | 8          |
| -      | 1      | -         | -        | -          | 2          | -          | -        | -         | 1        | -          |
| -      | 9      | -         | 4        | 1          | 16         | -          | 7        | 3         | 23       | 5          |
| -      | -      | -         | -        | -          | 1          | -          | -        | -         | -        | -          |
| -      | 9      | -         | 4        | 1          | 15         | -          | 7        | 3         | 23       | 5          |
| -      | 6      | 1         | 4        | 3          | 15         | -          | 5        | 3         | 13       | 6          |
| -      | 4      | 1         | 2        | 2          | 6          | -          | 4        | -         | 9        | 3          |
| -      | -      | -         | 1        | -          | -          | -          | -        | 1         | 1        | -          |
| -      | 2      | -         | 1        | 1          | 9          | -          | 1        | 2         | 3        | 3          |

TABLE X. — Concluded.

| CAUSES OF DEATH.                             | STATE. | Barnstable. | Berkshire. | Bristol. |
|--|--------|-------------|------------|----------|
| <i>IV. — 1. Dev. Diseases of Children.</i>   |        |             |            |          |
| Totals, . . . . .                            | 1,694  | 9           | 56         | 208      |
| Infantile, Premature, etc., . . . . .        | 1,470  | 5           | 52         | 186      |
| Cyanosis, . . . . .                          | 73     | 1           | 2          | 3        |
| Spina Bifida, . . . . .                      | 41     | —           | —          | 4        |
| Other Malformations, . . . . .               | 70     | 1           | 1          | 11       |
| Teething, . . . . .                          | 40     | 2           | 1          | 4        |
| <i>IV. — 2. Dev. Diseases of Adults.</i>     |        |             |            |          |
| Totals, . . . . .                            | 240    | 1           | 11         | 13       |
| Paramenia, . . . . .                         | —      | —           | —          | —        |
| Childbirth,* . . . . .                       | 240    | 1           | 11         | 13       |
| <i>IV. — 3. Dev. Diseases of Old People.</i> |        |             |            |          |
| Old Age, . . . . .                           | 1,724  | 42          | 59         | 166      |
| <i>IV. — 4. Diseases of Nutrition.</i>       |        |             |            |          |
| Atrophy and Debility, . . . . .              | 1,286  | 9           | 27         | 250      |
| <i>V. — 1. Accident and Negligence.</i>      |        |             |            |          |
| Totals, . . . . .                            | 1,747  | 15          | 56         | 131      |
| Fractures and Contusions, . . . . .          | 465    | 2           | 18         | 27       |
| Suffocation and Strangulation, . . . . .     | 167    | —           | 6          | 20       |
| Burns and Scalds, . . . . .                  | 230    | 3           | 8          | 17       |
| Poison, . . . . .                            | 77     | —           | 2          | 12       |
| Drowning and Lost at Sea, . . . . .          | 288    | 4           | 5          | 21       |
| Otherwise,† . . . . .                        | 102    | 2           | 2          | 7        |
| Casualty,‡ . . . . .                         | 418    | 4           | 15         | 27       |
| <i>V. — 2. Infanticide.</i>                  |        |             |            |          |
|  | 1      | —           | —          | —        |
| <i>V. — 3. Homicide.</i>                     |        |             |            |          |
|  | 24     | —           | 1          | —        |
| <i>V. — 4. Suicide.§</i>                     |        |             |            |          |
|  | 291    | 7           | 13         | 10       |
| <i>Cause not stated or ill-defined.</i>      |        |             |            |          |
| Totals, . . . . .                            | 320    | 5           | 2          | 26       |
| Hemorrhage, . . . . .                        | 77     | 1           | 1          | 5        |
| Tumor, . . . . .                             | 97     | 4           | 1          | 10       |
| Unknown, . . . . .                           | 146    | —           | —          | 11       |

\* Not including 23 cases of Metria (Puerperal Fever).

† Under "Otherwise" (V. — 1·7) are included deaths from heat, cold, drinking cold water, lightning, surgical operation and exposure.

‡ Manner not specified; returned as "Casualty."

§ Totals; manner not stated.

*Nosological Arrangement.*

| Dukes. | Essex. | Franklin. | Hampden. | Hampshire. | Middlesex. | Nantucket. | Norfolk. | Plymouth. | Suffolk. | Worcester. |
|--------|--------|-----------|----------|------------|------------|------------|----------|-----------|----------|------------|
| 3      | 207    | 14        | 139      | 35         | 282        | 1          | 79       | 42        | 390      | 229        |
| 3      | 180    | 13        | 119      | 34         | 242        | -          | 69       | 35        | 322      | 210        |
| -      | 13     | -         | 4        | -          | 15         | -          | 1        | 4         | 21       | 9          |
| -      | 4      | -         | 5        | -          | 10         | 1          | 3        | -         | 10       | 4          |
| -      | 6      | 1         | 6        | -          | 9          | -          | 6        | 3         | 21       | 5          |
| -      | 4      | -         | 5        | 1          | 6          | -          | -        | -         | 16       | 1          |
| -      | 37     | 4         | 24       | 4          | 44         | -          | 11       | 6         | 58       | 27         |
| -      | -      | -         | -        | -          | -          | -          | -        | -         | -        | -          |
| -      | 37     | 4         | 24       | 4          | 44         | -          | 11       | 6         | 58       | 27         |
| 7      | 229    | 48        | 70       | 61         | 337        | 4          | 117      | 97        | 236      | 251        |
| 2      | 183    | 15        | 73       | 22         | 229        | 2          | 20       | 27        | 265      | 162        |
| 4      | 234    | 17        | 91       | 37         | 302        | 2          | 84       | 68        | 510      | 196        |
| 1      | 49     | 4         | 32       | 13         | 90         | -          | 31       | 20        | 123      | 55         |
| -      | 8      | -         | 10       | 2          | 31         | -          | 7        | 5         | 60       | 18         |
| -      | 34     | 5         | 13       | 5          | 47         | -          | 8        | 4         | 57       | 29         |
| 1      | 11     | -         | 3        | 3          | 17         | -          | 2        | 3         | 17       | 6          |
| 2      | 84     | 4         | 14       | 5          | 43         | -          | 11       | 13        | 56       | 26         |
| -      | 6      | 1         | 2        | 1          | 15         | -          | 10       | 6         | 40       | 10         |
| -      | 42     | 3         | 17       | 8          | 59         | 2          | 15       | 17        | 157      | 52         |
| -      | -      | -         | -        | -          | -          | -          | -        | -         | -        | 1          |
| -      | 1      | -         | 1        | -          | -          | -          | -        | -         | 17       | 4          |
| 1      | 45     | 1         | 24       | 4          | 29         | -          | 11       | 7         | 107      | 32         |
| 2      | 39     | 7         | 15       | 5          | 65         | 2          | 15       | 20        | 86       | 31         |
| -      | 9      | 4         | 5        | 2          | 23         | -          | 1        | 6         | 10       | 10         |
| 2      | 8      | 2         | 4        | 1          | 23         | 2          | 6        | 4         | 17       | 13         |
| -      | 22     | 1         | 6        | 2          | 19         | -          | 8        | 10        | 59       | 8          |



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# DEATHS FROM SPECIAL CAUSES

IN 1899.

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## FROM SPECIAL CAUSES IN THE YEAR 1899.

| Childbirth. | Dysentery. | Diarrhoea. | Cholera Infantum. | Cholera Morbus. | Alcoholism. | Phthisis or Consumption. | Apoplexy. | Bronchitis. | Pneumonia. | Appendicitis. | Accident. | Homicide. | Infanticide. | Suicide. | Execution. |
|-------------|------------|------------|-------------------|-----------------|-------------|--------------------------|-----------|-------------|------------|---------------|-----------|-----------|--------------|----------|------------|
| 240         | 268        | 382        | 1,964             | 70              | 170         | 5,221                    | 2,162     | 1,448       | 4,993      | 175           | 1,747     | 24        | 1            | 291      | -          |
| 1           | 2          | 5          | 5                 | 1               | 1           | 47                       | 18        | 9           | 53         | -             | 15        | -         | -            | 7        | -          |
| 11          | 5          | 20         | 71                | 5               | 2           | 135                      | 72        | 33          | 149        | 2             | 56        | 1         | -            | 13       | -          |
| 13          | 32         | 41         | 343               | 4               | 11          | 464                      | 164       | 177         | 454        | 12            | 131       | -         | -            | 10       | -          |
| -           | -          | -          | 1                 | -               | -           | 9                        | 2         | -           | 6          | -             | 4         | -         | -            | 1        | -          |
| 37          | 41         | 53         | 308               | 9               | 26          | 607                      | 313       | 157         | 579        | 19            | 234       | 1         | -            | 45       | -          |
| 4           | 2          | 1          | 13                | 1               | 1           | 62                       | 40        | 14          | 64         | 1             | 17        | -         | -            | 1        | -          |
| 24          | 10         | 30         | 145               | 4               | 10          | 299                      | 114       | 104         | 228        | 14            | 91        | 1         | -            | 24       | -          |
| 4           | 6          | 3          | 25                | 3               | 4           | 78                       | 59        | 22          | 91         | 3             | 37        | -         | -            | 4        | -          |
| 44          | 58         | 50         | 400               | 10              | 15          | 1,035                    | 416       | 267         | 929        | 22            | 302       | -         | -            | 29       | -          |
| -           | -          | -          | -                 | -               | -           | 1                        | 3         | -           | 5          | -             | 2         | -         | -            | -        | -          |
| 11          | 20         | 17         | 66                | -               | 9           | 242                      | 114       | 48          | 185        | 9             | 84        | -         | -            | 11       | -          |
| 6           | 21         | 10         | 32                | -               | 5           | 207                      | 106       | 40          | 148        | 7             | 68        | -         | -            | 7        | -          |
| 58          | 37         | 106        | 308               | 19              | 77          | 1,490                    | 463       | 417         | 1,515      | 57            | 510       | 17        | -            | 107      | -          |
| 27          | 34         | 46         | 247               | 14              | 9           | 545                      | 278       | 160         | 587        | 29            | 196       | 4         | 1            | 32       | -          |
| 1           | 2          | 5          | 5                 | 1               | 1           | 47                       | 18        | 9           | 53         | -             | 15        | -         | -            | 7        | -          |
| -           | -          | -          | 1                 | -               | 1           | 3                        | 5         | -           | 6          | -             | -         | -         | -            | 3        | -          |
| -           | -          | -          | -                 | -               | -           | 1                        | -         | 1           | 1          | -             | 2         | -         | -            | 1        | -          |
| -           | -          | -          | -                 | -               | -           | 2                        | -         | -           | 1          | -             | -         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | 4                        | 1         | -           | 1          | -             | 1         | -         | -            | 1        | -          |
| -           | 1          | -          | -                 | -               | -           | 5                        | -         | 1           | 3          | -             | -         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | -                        | 1         | -           | 1          | -             | -         | -         | -            | -        | -          |
| -           | 1          | -          | 2                 | -               | -           | 8                        | -         | 2           | 8          | -             | 3         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | 5                        | -         | 2           | 3          | -             | 2         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | 6                        | -         | -           | 5          | -             | 1         | -         | -            | -        | -          |
| -           | -          | 1          | -                 | -               | -           | 3                        | -         | 1           | 4          | -             | -         | -         | -            | -        | -          |
| 1           | -          | 2          | -                 | -               | -           | 5                        | 5         | 2           | 6          | -             | 4         | -         | -            | 1        | -          |
| -           | -          | 1          | -                 | -               | -           | 1                        | -         | -           | -          | -             | 2         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | -                        | 2         | -           | 6          | -             | -         | -         | -            | -        | -          |
| -           | -          | -          | 1                 | -               | -           | 1                        | 3         | -           | 6          | -             | -         | -         | -            | -        | -          |
| -           | -          | 1          | 1                 | -               | -           | 3                        | 1         | -           | 2          | -             | -         | -         | -            | 1        | -          |
| 11          | 5          | 20         | 71                | 5               | 2           | 135                      | 72        | 33          | 149        | 2             | 56        | 1         | -            | 13       | -          |
| 1           | -          | 5          | 10                | -               | -           | 14                       | 10        | 5           | 18         | -             | 7         | -         | -            | 3        | -          |
| -           | -          | -          | -                 | -               | -           | -                        | -         | -           | 2          | -             | -         | -         | -            | -        | -          |
| -           | -          | -          | 1                 | -               | -           | 4                        | 1         | -           | 3          | -             | -         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | 2                        | 1         | -           | 1          | -             | -         | -         | -            | 1        | -          |
| -           | -          | -          | 3                 | -               | -           | 2                        | -         | -           | 1          | -             | 1         | -         | -            | -        | -          |
| 1           | -          | -          | 2                 | -               | -           | 5                        | 4         | 1           | 7          | -             | 2         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | -                        | 1         | -           | 1          | -             | -         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | 1                        | -         | 1           | -          | -             | -         | -         | -            | 1        | -          |
| -           | -          | -          | 1                 | 1               | -           | 11                       | 3         | 1           | 18         | 1             | 3         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | 1                        | 2         | -           | -          | -             | 2         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | 3                        | -         | -           | 1          | -             | -         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | -                        | -         | 1           | 3          | -             | 1         | -         | -            | 1        | -          |
| -           | 1          | -          | 1                 | -               | 1           | 6                        | 5         | 1           | 8          | -             | 1         | -         | -            | 1        | -          |
| 1           | -          | -          | 2                 | -               | -           | 1                        | -         | 1           | 2          | -             | -         | -         | -            | 1        | -          |

TABLE XI.—Continued.

| COUNTIES AND TOWNS.           | Population<br>in<br>1895. | Small-pox. | Measles. | Scarlatina. | Diphtheria. | Cerebro-sp.<br>Meningitis. | Croup. | Whooping-<br>cough. | Typhoid<br>Fever. | Erysipelas. | Metria (Puer-<br>peral Fever). |
|-------------------------------|---------------------------|------------|----------|-------------|-------------|----------------------------|--------|---------------------|-------------------|-------------|--------------------------------|
| <i>Berkshire — Con.</i>       |                           |            |          |             |             |                            |        |                     |                   |             |                                |
| Monterey, . . . . .           | 464                       | -          | -        | -           | -           | -                          | -      | -                   | 1                 | -           | -                              |
| Mount Washington, . . . . .   | 136                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| New Ashford, . . . . .        | 116                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| New Marlborough, . . . . .    | 1,288                     | -          | -        | -           | -           | -                          | -      | -                   | 1                 | -           | -                              |
| North Adams, . . . . .        | 19,135                    | -          | 3        | -           | -           | 3                          | -      | 1                   | 6                 | 1           | -                              |
| Otis, . . . . .               | 518                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Peru, . . . . .               | 305                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Pittsfield, . . . . .         | 20,461                    | -          | -        | 3           | -           | 1                          | -      | 1                   | 2                 | 3           | -                              |
| Richmond, . . . . .           | 701                       | -          | -        | -           | -           | -                          | -      | 1                   | -                 | -           | -                              |
| Sandisfield, . . . . .        | 802                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Savoy, . . . . .              | 504                       | -          | -        | -           | -           | -                          | -      | -                   | 1                 | 1           | -                              |
| Sheffield, . . . . .          | 1,897                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Stockbridge, . . . . .        | 2,077                     | -          | -        | -           | -           | 1                          | -      | -                   | -                 | -           | -                              |
| Tyringham, . . . . .          | 363                       | -          | -        | -           | -           | -                          | -      | -                   | 1                 | -           | -                              |
| Washington, . . . . .         | 423                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| West Stockbridge, . . . . .   | 1,257                     | -          | -        | 1           | 1           | -                          | -      | -                   | -                 | -           | -                              |
| Williamstown, . . . . .       | 4,887                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Windsor, . . . . .            | 556                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| BRISTOL Co., . . . . .        | 219,019                   | -          | 6        | 20          | 50          | 11                         | 17     | 37                  | 59                | 20          | 4                              |
| Acushnet, . . . . .           | 1,115                     | -          | -        | -           | -           | -                          | -      | -                   | 2                 | -           | -                              |
| Attleborough, . . . . .       | 8,288                     | -          | 1        | -           | 4           | -                          | 1      | -                   | 4                 | 2           | -                              |
| Berkley, . . . . .            | 955                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Dartmouth, . . . . .          | 3,107                     | -          | -        | -           | 1           | -                          | 1      | -                   | -                 | -           | -                              |
| Dighton, . . . . .            | 1,797                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Easton, . . . . .             | 4,452                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | 1           | -                              |
| Fairhaven, . . . . .          | 3,338                     | -          | -        | -           | 2           | -                          | -      | -                   | 2                 | -           | -                              |
| Fall River, . . . . .         | 89,203                    | -          | 4        | 4           | 14          | 3                          | 7      | 22                  | 22                | 8           | 3                              |
| Freetown, . . . . .           | 1,405                     | -          | -        | -           | -           | -                          | -      | 1                   | -                 | -           | -                              |
| Mansfield, . . . . .          | 3,722                     | -          | -        | -           | -           | 1                          | -      | -                   | 1                 | -           | 1                              |
| New Bedford, . . . . .        | 55,251                    | -          | 1        | 11          | 19          | 4                          | 6      | -                   | 16                | 3           | -                              |
| North Attleborough, . . . . . | 6,576                     | -          | -        | 1           | 2           | 2                          | 2      | -                   | -                 | -           | -                              |
| Norton, . . . . .             | 1,614                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Raynham, . . . . .            | 1,518                     | -          | -        | -           | -           | -                          | -      | 3                   | -                 | 1           | -                              |
| Rehoboth, . . . . .           | 1,810                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Seekonk, . . . . .            | 1,465                     | -          | -        | -           | -           | -                          | -      | 1                   | -                 | -           | -                              |
| Somerset, . . . . .           | 1,983                     | -          | -        | 2           | -           | -                          | -      | 4                   | 3                 | -           | -                              |
| Swansea, . . . . .            | 1,627                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Taunton, . . . . .            | 27,115                    | -          | -        | 2           | 8           | 1                          | -      | 6                   | 8                 | 5           | -                              |
| Westport, . . . . .           | 2,678                     | -          | -        | -           | -           | -                          | -      | -                   | 1                 | -           | -                              |
| DUKE'S Co., . . . . .         | 4,238                     | -          | -        | -           | -           | -                          | -      | 3                   | 3                 | 1           | -                              |
| Chilmark, . . . . .           | 304                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Cottage City, . . . . .       | 1,038                     | -          | -        | -           | -           | -                          | -      | -                   | 1                 | 1           | -                              |
| Edgartown, . . . . .          | 1,125                     | -          | -        | -           | -           | -                          | -      | -                   | 1                 | -           | -                              |
| Gay Head, . . . . .           | 169                       | -          | -        | -           | -           | -                          | -      | 3                   | -                 | -           | -                              |
| Gosnold, . . . . .            | 140                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Tisbury, . . . . .            | 1,002                     | -          | -        | -           | -           | -                          | -      | -                   | 1                 | -           | -                              |
| West Tisbury, . . . . .       | 460                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| ESSEX Co., . . . . .          | 330,393                   | 1          | 31       | 24          | 112         | 14                         | 30     | 60                  | 79                | 29          | 1                              |
| Amesbury, . . . . .           | 9,986                     | -          | -        | 2           | 1           | 2                          | -      | 1                   | 6                 | 1           | -                              |
| Andover, . . . . .            | 6,145                     | -          | -        | -           | 4           | -                          | -      | -                   | 1                 | 2           | -                              |
| Beverly, . . . . .            | 11,806                    | -          | 1        | 1           | 5           | -                          | -      | 1                   | 4                 | -           | -                              |
| Boxford, . . . . .            | 727                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | 1           | -                              |

*Deaths in Each Town from Special Causes.*

| Childbirth. | Dysentery. | Diarrhea. | Cholera Infantum. | Cholera Morbus. | Alcoholism. | Phthisis or Consumption. | Apoplexy. | Bronchitis. | Pneumonia. | Appendicitis. | Accident. | Homicide. | Infanticide. | Suicide. | Execution. |
|-------------|------------|-----------|-------------------|-----------------|-------------|--------------------------|-----------|-------------|------------|---------------|-----------|-----------|--------------|----------|------------|
| -           | -          | -         | -                 | -               | -           | 1                        | 1         | -           | 2          | -             | -         | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | -           | -                        | -         | -           | -          | -             | -         | -         | -            | -        | -          |
| -           | -          | -         | 3                 | -               | -           | 1                        | 1         | 1           | 1          | -             | 1         | -         | -            | -        | -          |
| -           | 1          | 9         | 14                | 2               | -           | 40                       | 16        | 8           | 26         | 1             | 11        | 1         | -            | 2        | -          |
| -           | -          | -         | -                 | -               | -           | 1                        | 1         | -           | -          | -             | -         | -         | -            | -        | -          |
| 7           | 1          | 5         | 24                | 2               | -           | 27                       | 15        | 6           | 29         | -             | 20        | -         | -            | 3        | -          |
| -           | -          | -         | 1                 | -               | -           | 2                        | -         | -           | 2          | -             | -         | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | -           | 1                        | 2         | -           | 2          | -             | -         | -         | -            | -        | -          |
| -           | 1          | -         | 2                 | -               | -           | -                        | -         | -           | 4          | -             | -         | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | -           | 2                        | 3         | 3           | 6          | -             | 1         | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | -           | 3                        | 2         | -           | 1          | -             | -         | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | -           | 1                        | -         | -           | -          | -             | -         | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | -           | -                        | -         | -           | -          | -             | -         | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | -           | 2                        | 1         | -           | 3          | -             | 3         | -         | -            | -        | -          |
| -           | -          | -         | 6                 | -               | -           | 4                        | 2         | 2           | 4          | -             | 3         | -         | -            | -        | -          |
| 1           | 1          | -         | -                 | -               | -           | -                        | 1         | -           | 1          | -             | -         | -         | -            | -        | -          |
| 13          | 32         | 41        | 343               | 4               | 11          | 464                      | 164       | 177         | 454        | 12            | 131       | -         | -            | 10       | -          |
| -           | 1          | -         | 1                 | -               | -           | 2                        | 3         | 1           | 1          | -             | -         | -         | -            | -        | -          |
| 2           | 2          | 1         | 13                | -               | -           | 16                       | 8         | 2           | 12         | -             | 10        | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | -           | 2                        | 1         | -           | -          | -             | -         | -         | -            | -        | -          |
| 1           | -          | -         | 1                 | -               | -           | 6                        | 5         | 2           | 4          | -             | 2         | -         | -            | -        | -          |
| -           | -          | -         | 5                 | -               | -           | 7                        | 3         | 1           | 4          | 1             | 2         | -         | -            | -        | -          |
| -           | -          | -         | 1                 | -               | -           | 6                        | 4         | 1           | 18         | 1             | 1         | -         | -            | -        | -          |
| -           | -          | -         | 2                 | -               | -           | 5                        | 3         | 1           | 6          | -             | 2         | -         | -            | -        | -          |
| 1           | 14         | 30        | 212               | 2               | 4           | 205                      | 41        | 105         | 187        | 1             | 53        | -         | -            | 2        | -          |
| -           | -          | -         | -                 | -               | -           | 2                        | 1         | 1           | 4          | -             | -         | -         | -            | 1        | -          |
| 2           | -          | -         | 4                 | -               | -           | 5                        | 3         | 1           | 7          | 1             | 4         | -         | -            | -        | -          |
| 4           | 5          | 4         | 75                | 1               | 5           | 120                      | 49        | 42          | 105        | 2             | 23        | -         | -            | 3        | -          |
| -           | 1          | 2         | 1                 | -               | -           | 7                        | 8         | 3           | 13         | -             | 3         | -         | -            | -        | -          |
| -           | 1          | -         | -                 | -               | 1           | 4                        | 4         | -           | 2          | -             | 1         | -         | -            | -        | -          |
| -           | 1          | -         | -                 | -               | -           | 1                        | -         | -           | -          | -             | -         | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | -           | 2                        | -         | 2           | 2          | -             | 1         | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | -           | -                        | -         | 1           | 2          | -             | -         | -         | -            | -        | -          |
| -           | 1          | -         | 2                 | -               | -           | 4                        | 1         | -           | 3          | 1             | -         | -         | -            | -        | -          |
| 2           | 5          | 4         | 1                 | 1               | -           | 4                        | 1         | -           | 2          | -             | 1         | -         | -            | -        | -          |
| -           | 1          | -         | 24                | -               | 1           | 61                       | 26        | 12          | 80         | 5             | 27        | -         | -            | 4        | -          |
| -           | -          | -         | 1                 | -               | -           | 5                        | 1         | 2           | 2          | -             | 1         | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | -           | -                        | -         | -           | -          | -             | -         | -         | -            | -        | -          |
| -           | -          | -         | 1                 | -               | -           | 9                        | 2         | -           | 6          | -             | 4         | -         | -            | 1        | -          |
| -           | -          | -         | -                 | -               | -           | 1                        | -         | -           | -          | -             | -         | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | -           | 4                        | 1         | -           | 4          | -             | 3         | -         | -            | 1        | -          |
| -           | -          | -         | -                 | -               | -           | 2                        | -         | -           | -          | -             | -         | -         | -            | -        | -          |
| -           | -          | -         | 1                 | -               | -           | -                        | -         | -           | -          | -             | -         | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | -           | -                        | -         | -           | -          | -             | -         | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | -           | 1                        | 1         | -           | 1          | -             | 1         | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | -           | 1                        | -         | -           | 1          | -             | -         | -         | -            | -        | -          |
| 37          | 41         | 53        | 308               | 9               | 26          | 607                      | 313       | 157         | 579        | 19            | 234       | 1         | -            | 45       | -          |
| -           | -          | -         | 7                 | -               | -           | 12                       | 15        | 4           | 14         | -             | 5         | -         | -            | -        | -          |
| 1           | 3          | -         | 1                 | -               | -           | 15                       | 12        | 4           | 4          | -             | 6         | -         | -            | -        | -          |
| 1           | -          | 3         | 9                 | -               | -           | 12                       | 10        | 6           | 18         | 1             | 4         | -         | -            | -        | -          |
| 1           | -          | -         | 1                 | -               | -           | -                        | 1         | 1           | 3          | -             | 1         | -         | -            | -        | -          |

TABLE XI.—Continued.

| COUNTIES AND TOWNS. | Population<br>in<br>1895. | Small-pox. | Measles. | Scarlatina. | Diphtheria. | Cerebro-sp.<br>Meningitis. | Croup. | Whooping-<br>cough. | Typhoid<br>Fever. | Erysipelas. | Metria (Puer-<br>peral Fever). |
|---------------------|---------------------------|------------|----------|-------------|-------------|----------------------------|--------|---------------------|-------------------|-------------|--------------------------------|
| <i>Essex</i> —Con.  |                           |            |          |             |             |                            |        |                     |                   |             |                                |
| Danvers, . . . .    | 8,181                     | -          | -        | 1           | -           | -                          | -      | 1                   | 1                 | 2           | -                              |
| Essex, . . . . .    | 1,587                     | -          | 2        | -           | -           | -                          | -      | -                   | -                 | 1           | -                              |
| Georgetown, . .     | 2,050                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Gloucester, . .     | 28,211                    | -          | 4        | 1           | 3           | -                          | 2      | 9                   | 9                 | -           | -                              |
| Groveland, . . .    | 2,333                     | -          | -        | -           | -           | 1                          | -      | 2                   | 1                 | -           | -                              |
| Hamilton, . . . .   | 1,356                     | -          | -        | 1           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Haverhill, . . .    | 31,945                    | -          | -        | -           | 13          | 2                          | 2      | 2                   | 4                 | 7           | -                              |
| Ipswich, . . . .    | 4,720                     | -          | -        | 2           | -           | -                          | -      | 1                   | -                 | -           | -                              |
| Lawrence, . . .     | 52,164                    | -          | 10       | 2           | 53          | 5                          | 11     | 23                  | 21                | 4           | 1                              |
| Lynn, . . . . .     | 62,354                    | -          | 6        | 3           | 9           | -                          | 5      | 7                   | 13                | 5           | -                              |
| Lynnfield, . . .    | 818                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Manchester, . .     | 1,876                     | -          | -        | -           | 2           | -                          | -      | -                   | 1                 | -           | -                              |
| Marblehead, . .     | 7,671                     | -          | -        | -           | 3           | -                          | -      | -                   | -                 | -           | -                              |
| Merrimac, . . .     | 2,301                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Methuen, . . . .    | 5,690                     | -          | 1        | 3           | 9           | -                          | 3      | -                   | 2                 | -           | -                              |
| Middleton, . . .    | 838                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Nahant, . . . . .   | 865                       | -          | -        | -           | -           | 1                          | -      | -                   | -                 | -           | -                              |
| Newbury, . . . .    | 1,489                     | -          | -        | -           | -           | -                          | -      | -                   | 1                 | -           | -                              |
| Newburyport, . .    | 14,552                    | -          | 2        | -           | 1           | 1                          | 1      | 2                   | 4                 | 3           | -                              |
| North Andover, .    | 3,569                     | -          | -        | -           | 1           | -                          | -      | -                   | 2                 | 1           | -                              |
| Peabody, . . . .    | 10,507                    | -          | 1        | -           | 2           | 1                          | -      | 6                   | -                 | -           | -                              |
| Rockport, . . . .   | 5,289                     | -          | 1        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Rowley, . . . . .   | 1,272                     | -          | -        | -           | -           | -                          | -      | 1                   | 1                 | 1           | -                              |
| Salem, . . . . .    | 34,473                    | -          | 2        | 8           | 3           | -                          | 5      | 3                   | 7                 | 1           | -                              |
| Salisbury, . . . .  | 1,300                     | -          | -        | -           | 1           | -                          | -      | 1                   | -                 | -           | -                              |
| Saugus, . . . . .   | 4,497                     | -          | -        | -           | -           | -                          | -      | -                   | 1                 | -           | -                              |
| Swampscott, . . .   | 3,259                     | 1          | 1        | -           | 2           | -                          | 1      | -                   | -                 | -           | -                              |
| Topsfield, . . . .  | 1,033                     | -          | -        | -           | -           | 1                          | -      | -                   | -                 | -           | -                              |
| Wenham, . . . . .   | 886                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| West Newbury, . .   | 1,643                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| FRANKLIN Co., . .   | 40,145                    | -          | 1        | 2           | 4           | 7                          | 2      | 2                   | 7                 | -           | 1                              |
| Ashfield, . . . .   | 1,013                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Bernardston, . . .  | 778                       | -          | -        | -           | -           | -                          | -      | -                   | 1                 | -           | -                              |
| Buckland, . . . .   | 1,548                     | -          | -        | -           | -           | -                          | -      | -                   | 1                 | -           | -                              |
| Charlemont, . . .   | 1,041                     | -          | -        | -           | -           | -                          | -      | -                   | 1                 | -           | -                              |
| Colrain, . . . . .  | 1,610                     | -          | 1        | 1           | 1           | -                          | -      | -                   | -                 | -           | -                              |
| Conway, . . . . .   | 1,304                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Deerfield, . . . .  | 3,007                     | -          | -        | -           | 1           | -                          | -      | -                   | 1                 | -           | -                              |
| Erving, . . . . .   | 964                       | -          | -        | -           | 1           | 1                          | -      | -                   | -                 | -           | -                              |
| Gill, . . . . .     | 1,082                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Greenfield, . . .   | 6,229                     | -          | -        | 1           | -           | 1                          | -      | 1                   | 1                 | -           | 1                              |
| Hawley, . . . . .   | 468                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Heath, . . . . .    | 476                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Leverett, . . . .   | 744                       | -          | -        | -           | -           | -                          | 1      | -                   | -                 | -           | -                              |
| Leyden, . . . . .   | 363                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Monroe, . . . . .   | 298                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Montague, . . . .   | 6,058                     | -          | -        | -           | -           | -                          | -      | -                   | 2                 | -           | -                              |
| New Salem, . . .    | 869                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Northfield, . . .   | 1,851                     | -          | -        | -           | -           | 1                          | -      | -                   | -                 | -           | -                              |
| Orange, . . . . .   | 5,361                     | -          | -        | -           | 1           | 1                          | -      | -                   | -                 | -           | -                              |
| Rowe, . . . . .     | 498                       | -          | -        | -           | -           | -                          | 1      | -                   | -                 | -           | -                              |
| Shelburne, . . . .  | 1,560                     | -          | -        | -           | -           | 1                          | -      | -                   | -                 | -           | -                              |
| Shutesbury, . . .   | 444                       | -          | -        | -           | -           | 2                          | -      | -                   | -                 | -           | -                              |
| Sunderland, . . .   | 696                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Warwick, . . . . .  | 599                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Wendell, . . . . .  | 529                       | -          | -        | -           | -           | -                          | -      | 1                   | -                 | -           | -                              |
| Whately, . . . . .  | 755                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |

*Deaths in Each Town from Special Causes.*

| Childbirth. | Dysentery. | Diarrhea. | Cholera Infantum. | Cholera Morbus. | Alcoholism. | Phthisis or Consumption. | Apoplexy. | Bronchitis. | Pneumonia. | Appendicitis. | Accident. | Homicide. | Infanticide. | Suicide. | Execution. |
|-------------|------------|-----------|-------------------|-----------------|-------------|--------------------------|-----------|-------------|------------|---------------|-----------|-----------|--------------|----------|------------|
| 1           | 1          | 2         | 1                 | 1               | 1           | 23                       | 12        | 8           | 43         | 1             | 8         | -         | -            | -        | -          |
| 1           | -          | -         | 3                 | -               | -           | -                        | 2         | -           | 1          | -             | 1         | -         | -            | 1        | -          |
| 2           | -          | 4         | 16                | -               | -           | 37                       | 20        | 3           | 43         | -             | 59        | -         | -            | 2        | -          |
| -           | -          | -         | -                 | -               | -           | 3                        | 1         | 2           | 2          | 2             | -         | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | 1           | 2                        | 1         | -           | 1          | -             | 1         | -         | -            | -        | -          |
| 12          | 1          | 3         | 20                | -               | 6           | 60                       | 28        | 14          | 62         | 1             | 24        | -         | -            | 10       | -          |
| -           | -          | 1         | 2                 | -               | -           | 5                        | 4         | -           | 5          | -             | 4         | -         | -            | 1        | -          |
| 3           | 7          | 6         | 111               | 3               | 1           | 123                      | 35        | 36          | 119        | 2             | 27        | 1         | -            | 7        | -          |
| 11          | 13         | 10        | 49                | 3               | 14          | 124                      | 61        | 24          | 105        | 8             | 38        | -         | -            | 6        | -          |
| -           | -          | -         | 1                 | -               | -           | 2                        | 1         | 1           | 1          | -             | 2         | -         | -            | -        | -          |
| -           | 1          | -         | 1                 | -               | -           | 3                        | 2         | 2           | 3          | -             | 2         | -         | -            | -        | -          |
| -           | 1          | -         | 3                 | -               | 1           | 10                       | 12        | 3           | 5          | -             | 4         | -         | -            | 1        | -          |
| 1           | -          | 1         | 9                 | -               | 1           | 3                        | 1         | 1           | 4          | -             | 2         | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | -           | 5                        | 1         | 1           | 15         | -             | 2         | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | -           | 1                        | 1         | -           | 1          | -             | -         | -         | -            | 1        | -          |
| -           | 1          | -         | -                 | -               | -           | 1                        | -         | -           | -          | -             | -         | -         | -            | 1        | -          |
| 2           | 1          | -         | 7                 | -               | -           | 34                       | 15        | 4           | 20         | 2             | 11        | -         | -            | 4        | -          |
| -           | 1          | 2         | 1                 | -               | -           | 7                        | 7         | -           | 5          | -             | 1         | -         | -            | -        | -          |
| -           | 1          | 1         | 5                 | -               | -           | 28                       | 8         | 7           | 10         | -             | 4         | -         | -            | 1        | -          |
| -           | -          | 1         | -                 | -               | -           | 12                       | 9         | 3           | 12         | -             | 4         | -         | -            | 2        | -          |
| -           | -          | -         | 1                 | -               | -           | 1                        | 1         | 1           | 5          | -             | 1         | -         | -            | -        | -          |
| -           | 7          | 16        | 53                | 2               | 1           | 60                       | 41        | 26          | 53         | 2             | 16        | -         | -            | 6        | -          |
| -           | 2          | -         | 1                 | -               | -           | 2                        | 1         | -           | -          | -             | 1         | -         | -            | -        | -          |
| -           | -          | 1         | 2                 | -               | -           | 9                        | 4         | 4           | 2          | -             | 3         | -         | -            | 1        | -          |
| -           | -          | 1         | 2                 | -               | -           | 5                        | 2         | 2           | 8          | -             | 2         | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | -           | 1                        | -         | -           | 3          | -             | 1         | -         | -            | -        | -          |
| -           | -          | 1         | 1                 | -               | -           | 2                        | 1         | -           | -          | -             | -         | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | -           | 2                        | -         | -           | 5          | -             | -         | -         | -            | 1        | -          |
| 4           | 2          | 1         | 13                | 1               | 1           | 62                       | 40        | 14          | 64         | 1             | 17        | -         | -            | 1        | -          |
| -           | -          | -         | -                 | -               | -           | 2                        | 2         | 2           | 1          | -             | -         | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | -           | 3                        | -         | 1           | 2          | -             | -         | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | -           | 1                        | -         | -           | -          | -             | -         | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | -           | -                        | 5         | -           | 4          | -             | 1         | -         | -            | 1        | -          |
| -           | -          | -         | -                 | -               | -           | -                        | 3         | 1           | 4          | -             | -         | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | -           | 6                        | 1         | -           | 3          | -             | 1         | -         | -            | -        | -          |
| -           | -          | -         | 1                 | -               | -           | -                        | -         | -           | 3          | -             | -         | -         | -            | -        | -          |
| 1           | 1          | -         | 3                 | -               | -           | 17                       | 3         | 3           | 6          | -             | 4         | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | -           | -                        | 1         | 1           | 1          | -             | -         | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | -           | -                        | 3         | -           | -          | -             | 2         | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | -           | -                        | 1         | -           | -          | -             | -         | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | -           | -                        | -         | -           | -          | -             | -         | -         | -            | -        | -          |
| -           | -          | -         | 5                 | -               | 1           | 10                       | 4         | 2           | 9          | -             | 4         | -         | -            | -        | -          |
| 1           | -          | -         | 1                 | -               | -           | -                        | 2         | -           | 1          | -             | 2         | -         | -            | -        | -          |
| 2           | -          | -         | -                 | -               | -           | 8                        | 5         | 2           | 14         | -             | 1         | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | -           | -                        | -         | -           | 3          | -             | 2         | -         | -            | -        | -          |
| -           | 1          | -         | 1                 | -               | -           | 4                        | 4         | 1           | 4          | 1             | -         | -         | -            | -        | -          |
| -           | -          | -         | 2                 | -               | -           | 1                        | -         | -           | -          | -             | -         | -         | -            | -        | -          |
| -           | -          | 1         | -                 | 1               | -           | 2                        | 1         | -           | 1          | -             | -         | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | -           | 1                        | 1         | -           | 2          | -             | -         | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | -           | 1                        | 1         | 1           | 1          | -             | -         | -         | -            | -        | -          |

TABLE XI.—Continued.

| COUNTIES AND TOWNS.    | Population<br>in<br>1895. | Small-pox. | Measles. | Scarlatina. | Diphtheria. | Cerebro-sp.<br>Meningitis. | Croup. | Whooping-<br>cough. | Typhoid<br>Fever. | Erysipelas. | Metria (Puer-<br>peral Fever). |
|------------------------|---------------------------|------------|----------|-------------|-------------|----------------------------|--------|---------------------|-------------------|-------------|--------------------------------|
| HAMPDEN Co., . . .     | 152,938                   | -          | 8        | 8           | 89          | 17                         | 18     | 14                  | 61                | 16          | 4                              |
| Agawam, . . . . .      | 2,408                     | -          | -        | -           | 3           | -                          | 1      | -                   | 3                 | -           | -                              |
| Blandford, . . . . .   | 849                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Brimfield, . . . . .   | 962                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Chester, . . . . .     | 1,429                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Chicopee, . . . . .    | 16,420                    | -          | -        | -           | 6           | 1                          | -      | 2                   | 6                 | 1           | 1                              |
| East Longmeadow, . .   | 1,591                     | -          | -        | -           | 1           | -                          | -      | -                   | -                 | -           | -                              |
| Granville, . . . . .   | 1,005                     | -          | -        | -           | 1           | 1                          | 1      | -                   | -                 | -           | -                              |
| Hampden, . . . . .     | 743                       | -          | -        | -           | 2           | -                          | -      | -                   | -                 | -           | -                              |
| Holland, . . . . .     | 199                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Holyoke, . . . . .     | 40,322                    | -          | -        | 3           | 10          | 10                         | 1      | 6                   | 11                | 6           | 1                              |
| Longmeadow, . . . .    | 620                       | -          | -        | -           | -           | -                          | 1      | 1                   | 1                 | -           | -                              |
| Ludlow, . . . . .      | 2,562                     | -          | -        | -           | -           | -                          | 1      | -                   | 4                 | -           | 1                              |
| Monson, . . . . .      | 3,746                     | -          | -        | -           | 1           | -                          | -      | 2                   | -                 | -           | -                              |
| Montgomery, . . . .    | 275                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Palmer, . . . . .      | 6,858                     | -          | -        | 2           | 7           | -                          | 3      | 1                   | 5                 | -           | -                              |
| Russell, . . . . .     | 846                       | -          | 1        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Southwick, . . . . .   | 961                       | -          | -        | 1           | 1           | -                          | -      | -                   | -                 | -           | -                              |
| Springfield, . . . .   | 51,522                    | -          | 4        | 2           | 48          | 5                          | 7      | 2                   | 27                | 8           | 1                              |
| Tolland, . . . . .     | 309                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Wales, . . . . .       | 783                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| West Springfield, . .  | 6,125                     | -          | 1        | -           | 8           | -                          | 2      | -                   | 1                 | 1           | -                              |
| Westfield, . . . . .   | 10,663                    | -          | 2        | -           | 1           | -                          | 2      | -                   | 3                 | -           | -                              |
| Wilbraham, . . . . .   | 1,740                     | -          | -        | -           | 1           | -                          | -      | -                   | -                 | -           | -                              |
| HAMPSHIRE Co., . .     | 54,710                    | -          | -        | 3           | 9           | 2                          | 4      | 6                   | 18                | 3           | -                              |
| Amherst, . . . . .     | 4,785                     | -          | -        | -           | -           | -                          | -      | 1                   | -                 | -           | -                              |
| Belchertown, . . . .   | 2,161                     | -          | -        | -           | 1           | -                          | -      | -                   | 1                 | -           | -                              |
| Chesterfield, . . . .  | 589                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Cummington, . . . .    | 750                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Easthampton, . . . .   | 4,790                     | -          | -        | -           | 1           | -                          | 1      | 2                   | -                 | -           | -                              |
| Enfield, . . . . .     | 990                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Goshen, . . . . .      | 304                       | -          | -        | -           | -           | -                          | -      | -                   | 1                 | -           | -                              |
| Granby, . . . . .      | 748                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Greenwich, . . . . .   | 481                       | -          | -        | -           | -           | -                          | -      | -                   | 1                 | -           | -                              |
| Hadley, . . . . .      | 1,704                     | -          | -        | -           | -           | -                          | -      | -                   | 1                 | -           | -                              |
| Hatfield, . . . . .    | 1,262                     | -          | -        | 1           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Huntington, . . . . .  | 1,450                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Middlefield, . . . . . | 386                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Norhampton, . . . .    | 16,746                    | -          | -        | 1           | 5           | 1                          | 1      | -                   | 11                | 1           | -                              |
| Pelham, . . . . .      | 486                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Plainfield, . . . . .  | 450                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Prescott, . . . . .    | 401                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| South Hadley, . . . .  | 4,443                     | -          | -        | -           | 1           | -                          | 1      | 2                   | -                 | -           | -                              |
| Southampton, . . . .   | 1,054                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Ware, . . . . .        | 7,651                     | -          | -        | 1           | -           | 1                          | 1      | 1                   | 1                 | 1           | -                              |
| Westhampton, . . . .   | 476                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Williamsburg, . . . .  | 1,955                     | -          | -        | -           | -           | -                          | -      | -                   | 2                 | 1           | -                              |
| Worthington, . . . .   | 648                       | -          | -        | -           | 1           | -                          | -      | -                   | -                 | -           | -                              |
| MIDDLESEX Co., . .     | 499,217                   | 3          | 46       | 40          | 131         | 45                         | 34     | 66                  | 101               | 28          | 3                              |
| Acton, . . . . .       | 1,978                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Arlington, . . . . .   | 6,515                     | -          | -        | -           | -           | 1                          | -      | -                   | 1                 | -           | -                              |
| Ashby, . . . . .       | 804                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Ashland, . . . . .     | 2,090                     | -          | -        | 1           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Ayer, . . . . .        | 2,101                     | -          | -        | -           | -           | -                          | -      | -                   | 1                 | -           | -                              |
| Bedford, . . . . .     | 1,169                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | 1           | -                              |

*Deaths in Each Town from Special Causes.*

| Childbirth. | Dysentery. | Diarrhoea. | Cholera Infantum. | Cholera Morbus. | Alcoholism. | Phthisis or Consumption. | Apoplexy. | Bronchitis. | Pneumonia. | Appendicitis. | Accident. | Homicide. | Infanticide. | Suicide. | Execution. |
|-------------|------------|------------|-------------------|-----------------|-------------|--------------------------|-----------|-------------|------------|---------------|-----------|-----------|--------------|----------|------------|
| 24          | 10         | 30         | 145               | 4               | 10          | 299                      | 114       | 104         | 228        | 14            | 91        | 1         | -            | 24       | -          |
| 1           | -          | 1          | 3                 | -               | -           | 5                        | 1         | 2           | 6          | -             | -         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | -                        | 2         | -           | 2          | -             | -         | -         | -            | -        | -          |
| -           | 1          | -          | 1                 | -               | -           | -                        | 1         | -           | 4          | -             | 1         | -         | -            | -        | -          |
| -           | -          | 1          | 1                 | -               | -           | 2                        | 2         | 1           | 3          | -             | 2         | -         | -            | -        | -          |
| 3           | 1          | 6          | 36                | -               | 1           | 40                       | 10        | 7           | 30         | -             | 7         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | 3                        | 3         | -           | 4          | -             | 2         | -         | -            | -        | -          |
| -           | -          | -          | 1                 | -               | -           | 1                        | -         | 1           | 3          | -             | -         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | 1                        | 1         | 1           | -          | -             | -         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | -                        | -         | -           | -          | -             | 1         | -         | -            | -        | -          |
| 7           | 3          | 13         | 54                | -               | 1           | 81                       | 21        | 34          | 41         | 3             | 27        | -         | -            | 5        | -          |
| -           | -          | -          | 1                 | -               | -           | -                        | -         | 1           | 3          | -             | -         | -         | -            | -        | -          |
| -           | -          | 2          | 1                 | 1               | -           | 2                        | 2         | 2           | 12         | -             | 1         | -         | -            | -        | -          |
| -           | -          | -          | 1                 | -               | 1           | 6                        | 4         | 2           | 4          | -             | 2         | -         | -            | 1        | -          |
| 2           | -          | -          | 1                 | -               | -           | -                        | 2         | -           | -          | -             | -         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | 14                       | 6         | 4           | 8          | -             | 3         | -         | -            | 1        | -          |
| -           | -          | -          | -                 | -               | -           | 1                        | -         | -           | 1          | -             | 1         | -         | -            | -        | -          |
| -           | -          | -          | 1                 | -               | -           | -                        | 5         | 1           | 4          | 1             | 2         | -         | -            | -        | -          |
| 9           | -          | 4          | 26                | 1               | 6           | 110                      | 34        | 31          | 78         | 10            | 25        | 1         | -            | 13       | -          |
| 1           | -          | -          | -                 | -               | -           | -                        | 1         | -           | -          | -             | -         | -         | -            | -        | -          |
| 1           | 1          | -          | 10                | 1               | 1           | 7                        | 7         | 9           | 8          | -             | 5         | -         | -            | 1        | -          |
| -           | 3          | 2          | 8                 | 1               | -           | 24                       | 12        | 6           | 14         | -             | 10        | -         | -            | 3        | -          |
| -           | -          | 1          | -                 | -               | -           | 2                        | -         | 2           | 3          | -             | 2         | -         | -            | -        | -          |
| 4           | 6          | 3          | 25                | 3               | 4           | 78                       | 59        | 22          | 91         | 3             | 37        | -         | -            | 4        | -          |
| -           | -          | -          | 4                 | -               | -           | 7                        | 11        | -           | 5          | 1             | 1         | -         | -            | 2        | -          |
| -           | -          | -          | 1                 | -               | -           | 2                        | 1         | -           | 4          | -             | 1         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | 1                        | -         | 1           | 4          | -             | -         | -         | -            | -        | -          |
| -           | -          | -          | -                 | 1               | 1           | -                        | -         | -           | 2          | -             | -         | -         | -            | -        | -          |
| 1           | -          | -          | 2                 | -               | -           | 6                        | 6         | 6           | 6          | -             | 5         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | 3                        | 1         | -           | 2          | -             | 3         | -         | -            | -        | -          |
| -           | -          | -          | 1                 | -               | -           | -                        | -         | -           | -          | -             | -         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | 1                        | -         | -           | 1          | -             | -         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | -                        | 1         | -           | 1          | -             | -         | -         | -            | -        | -          |
| 1           | -          | 1          | 3                 | -               | -           | 2                        | 1         | 1           | 4          | 1             | -         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | 3                        | 1         | -           | -          | -             | 1         | -         | -            | -        | -          |
| 1           | 1          | 1          | -                 | -               | -           | 3                        | 1         | -           | 2          | -             | 3         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | 1                        | 1         | -           | -          | -             | 1         | -         | -            | -        | -          |
| -           | -          | -          | 6                 | -               | 1           | 39                       | 17        | 5           | 23         | -             | 15        | -         | -            | 1        | -          |
| -           | -          | -          | -                 | -               | -           | 1                        | 3         | -           | 1          | -             | -         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | -                        | -         | -           | 1          | -             | -         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | -                        | -         | 1           | 1          | -             | -         | -         | -            | -        | -          |
| -           | 2          | -          | -                 | -               | 1           | 5                        | 4         | 1           | 7          | -             | 1         | -         | -            | -        | -          |
| 1           | 1          | -          | -                 | -               | -           | 2                        | 3         | 2           | 2          | -             | 1         | -         | -            | -        | -          |
| -           | -          | 1          | 8                 | 1               | 1           | 2                        | 3         | 3           | 22         | -             | 4         | -         | -            | 1        | -          |
| -           | -          | -          | -                 | -               | -           | -                        | 1         | 1           | 1          | -             | -         | -         | -            | -        | -          |
| -           | 1          | -          | -                 | -               | -           | 1                        | 3         | 1           | 1          | 1             | -         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | -                        | 1         | -           | 2          | -             | 1         | -         | -            | -        | -          |
| 44          | 58         | 50         | 400               | 10              | 15          | 1,035                    | 416       | 267         | 929        | 22            | 302       | -         | -            | 29       | -          |
| -           | 1          | -          | 1                 | -               | -           | -                        | 4         | -           | 4          | -             | 1         | -         | -            | 1        | -          |
| -           | -          | -          | 3                 | -               | -           | 11                       | 9         | 3           | 6          | -             | 4         | -         | -            | -        | -          |
| 1           | -          | -          | -                 | -               | -           | 1                        | -         | -           | 4          | -             | 2         | -         | -            | -        | -          |
| 1           | -          | -          | -                 | -               | -           | 1                        | 3         | 1           | 4          | -             | 1         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | 1           | 2                        | 2         | 2           | 5          | -             | 1         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | 2                        | -         | -           | 2          | -             | 1         | -         | -            | -        | -          |





*Deaths in Each Town from Special Causes.*

| Childbirth. | Dysentery. | Diarrhoea. | Cholera Infantum. | Cholera Morbus. | Alcoholism. | Phthisis or Consumption. | Apoplexy. | Bronchitis. | Pneumonia. | Appendicitis. | Accident. | Homicide. | Infanticide. | Suicide. | Execution. |
|-------------|------------|------------|-------------------|-----------------|-------------|--------------------------|-----------|-------------|------------|---------------|-----------|-----------|--------------|----------|------------|
| -           | -          | -          | -                 | -               | -           | 6                        | -         | 1           | 2          | -             | 3         | -         | -            | -        | -          |
| 2           | 3          | -          | -                 | -               | -           | 6                        | 3         | -           | 1          | -             | 3         | -         | -            | -        | -          |
| 10          | 1          | -          | 1                 | -               | -           | -                        | -         | -           | -          | -             | -         | -         | -            | -        | -          |
| 7           | 7          | 10         | 67                | 1               | 4           | 183                      | 71        | 61          | 171        | 4             | 35        | -         | -            | 3        | -          |
| -           | -          | -          | 1                 | -               | -           | -                        | -         | -           | 1          | -             | -         | -         | -            | -        | -          |
| -           | -          | -          | 3                 | -               | -           | 13                       | -         | 2           | 9          | -             | -         | -         | -            | -        | -          |
| -           | -          | -          | 3                 | -               | -           | 6                        | 3         | 2           | 9          | -             | 3         | -         | -            | 1        | -          |
| -           | -          | -          | 3                 | -               | -           | 2                        | 3         | 1           | 2          | -             | 1         | -         | -            | -        | -          |
| 4           | 1          | 3          | 12                | -               | 1           | 35                       | 10        | 8           | 45         | -             | 10        | -         | -            | 1        | -          |
| 1           | -          | -          | 2                 | -               | -           | 20                       | 6         | 2           | 14         | 3             | 14        | -         | -            | -        | -          |
| -           | -          | -          | 1                 | -               | -           | -                        | 4         | -           | 4          | -             | -         | -         | -            | 1        | -          |
| -           | 1          | -          | 1                 | -               | -           | 3                        | 1         | 1           | 4          | -             | -         | -         | -            | 1        | -          |
| -           | 1          | -          | 1                 | -               | -           | 7                        | 1         | 1           | 6          | 2             | -         | -         | -            | 1        | -          |
| 1           | -          | -          | 6                 | -               | -           | 9                        | 3         | 4           | 3          | -             | 1         | -         | -            | 1        | -          |
| 1           | 1          | -          | 1                 | -               | 2           | 2                        | 2         | 2           | 5          | -             | 3         | -         | -            | -        | -          |
| -           | -          | -          | 1                 | -               | -           | 1                        | 1         | -           | -          | -             | 2         | -         | -            | -        | -          |
| 9           | 2          | 6          | 179               | 1               | 1           | 194                      | 63        | 75          | 197        | 6             | 57        | -         | -            | 7        | -          |
| -           | 6          | 2          | 19                | 4               | -           | 51                       | 23        | 15          | 34         | -             | 15        | -         | -            | 2        | -          |
| -           | 7          | -          | 11                | -               | -           | 27                       | 9         | 4           | 16         | -             | 9         | -         | -            | -        | -          |
| 1           | -          | -          | 2                 | -               | -           | 6                        | 4         | 1           | 8          | -             | 1         | -         | -            | -        | -          |
| 2           | 1          | 2          | 7                 | -               | -           | 22                       | 17        | 2           | 13         | -             | 14        | -         | -            | 1        | -          |
| 2           | 1          | -          | -                 | -               | 3           | 14                       | 7         | 3           | 24         | -             | 12        | -         | -            | -        | -          |
| -           | -          | 1          | 2                 | -               | -           | 18                       | 7         | 1           | 16         | 1             | 7         | -         | -            | 1        | -          |
| 1           | 11         | -          | 14                | -               | -           | 36                       | 29        | 9           | 47         | 1             | 19        | -         | -            | 1        | -          |
| -           | -          | -          | -                 | -               | -           | -                        | 1         | -           | 3          | -             | -         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | 5                        | 1         | 2           | 3          | -             | 2         | -         | -            | -        | -          |
| -           | 1          | 1          | 2                 | -               | -           | 8                        | 5         | -           | 7          | -             | 6         | -         | -            | -        | -          |
| -           | -          | -          | 1                 | -               | -           | 2                        | 3         | -           | 3          | -             | -         | -         | -            | -        | -          |
| -           | -          | 1          | -                 | -               | -           | 1                        | 2         | 1           | 2          | -             | 3         | -         | -            | 2        | -          |
| 3           | 4          | 8          | 26                | 2               | 2           | 91                       | 38        | 25          | 106        | 2             | 20        | -         | -            | 2        | -          |
| -           | 4          | -          | 3                 | -               | -           | 3                        | 5         | 7           | 6          | -             | 1         | -         | -            | 1        | -          |
| -           | -          | -          | -                 | -               | -           | 1                        | 1         | -           | 1          | 1             | -         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | 3                        | 1         | -           | 1          | -             | -         | -         | -            | -        | -          |
| -           | -          | -          | 3                 | -               | -           | 3                        | 1         | 3           | 5          | -             | 1         | -         | -            | -        | -          |
| -           | -          | 8          | 2                 | -               | -           | 107                      | 15        | 3           | 26         | -             | 1         | -         | -            | -        | -          |
| -           | -          | -          | 1                 | -               | -           | 1                        | 4         | -           | 3          | -             | -         | -         | -            | -        | -          |
| 2           | 1          | 1          | -                 | -               | -           | 4                        | -         | 1           | 1          | -             | 2         | -         | -            | -        | -          |
| 1           | 1          | 4          | 5                 | -               | 1           | 15                       | 4         | 3           | 9          | -             | 6         | -         | -            | -        | -          |
| -           | 1          | -          | 2                 | 1               | -           | 45                       | 16        | 7           | 40         | 2             | 16        | -         | -            | -        | -          |
| -           | 1          | -          | 1                 | -               | -           | 5                        | 6         | 3           | 14         | -             | 7         | -         | -            | -        | -          |
| -           | -          | -          | 1                 | -               | -           | 4                        | 2         | -           | 2          | -             | -         | -         | -            | -        | -          |
| 1           | -          | -          | -                 | -               | -           | 8                        | 2         | 2           | 3          | -             | 3         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | 6                        | 2         | 1           | 3          | -             | -         | -         | -            | -        | -          |
| -           | -          | -          | 2                 | -               | -           | 2                        | 2         | 2           | 3          | -             | -         | -         | -            | 1        | -          |
| -           | -          | -          | 3                 | -               | -           | 9                        | 6         | -           | 7          | -             | 6         | -         | -            | -        | -          |
| 1           | 2          | -          | 11                | 1               | -           | 31                       | 12        | 6           | 21         | -             | 8         | -         | -            | 2        | -          |
| -           | -          | -          | -                 | -               | -           | 1                        | 3         | -           | 5          | -             | 2         | -         | -            | -        | -          |
| 11          | 20         | 17         | 66                | -               | 9           | 242                      | 114       | 48          | 185        | 9             | 84        | -         | -            | 11       | -          |
| -           | -          | -          | -                 | -               | -           | 1                        | 2         | -           | 2          | -             | -         | -         | -            | 1        | -          |
| -           | -          | -          | -                 | -               | -           | -                        | 2         | -           | 3          | -             | -         | -         | -            | -        | -          |
| 1           | -          | -          | 1                 | -               | 1           | 5                        | 6         | 1           | 11         | -             | 3         | -         | -            | 1        | -          |
| 4           | 1          | 2          | 6                 | -               | -           | 19                       | 10        | 3           | 14         | 2             | 8         | -         | -            | -        | -          |
| -           | 1          | -          | 3                 | -               | -           | 8                        | 1         | 1           | 4          | -             | 8         | -         | -            | -        | -          |
| -           | 1          | -          | 3                 | -               | -           | 3                        | 3         | -           | 5          | -             | 3         | -         | -            | -        | -          |

TABLE XI.—Continued.

| COUNTIES AND TOWNS.   | Population<br>in<br>1895. | Small-pox. | Measles. | Scarlatina. | Diphtheria. | Cerebro-sp.<br>Meningitis. | Croup. | Whooping-<br>cough. | Typhoid<br>Fever. | Erysipelas. | Metria (Puer-<br>peral Fever). |
|-----------------------|---------------------------|------------|----------|-------------|-------------|----------------------------|--------|---------------------|-------------------|-------------|--------------------------------|
| Norfolk — Con.        |                           |            |          |             |             |                            |        |                     |                   |             |                                |
| Dedham, . . . . .     | 7,211                     | -          | -        | -           | -           | -                          | -      | 2                   | 3                 | 1           | -                              |
| Dover, . . . . .      | 668                       | -          | -        | -           | -           | -                          | -      | -                   | 1                 | -           | -                              |
| Foxborough, . . . .   | 3,219                     | -          | -        | -           | 1           | -                          | -      | -                   | -                 | 1           | -                              |
| Franklin, . . . . .   | 5,136                     | -          | 1        | 1           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Holbrook, . . . . .   | 2,298                     | -          | -        | -           | 1           | -                          | -      | -                   | -                 | -           | -                              |
| Hyde Park, . . . . .  | 11,826                    | -          | -        | 1           | 3           | 1                          | -      | -                   | 1                 | 2           | 1                              |
| Medfield, . . . . .   | 1,872                     | -          | -        | -           | -           | -                          | -      | -                   | 1                 | -           | -                              |
| Medway, . . . . .     | 2,913                     | -          | 1        | -           | 1           | -                          | -      | -                   | -                 | -           | -                              |
| Millis, . . . . .     | 1,006                     | -          | -        | -           | 1           | -                          | -      | -                   | -                 | -           | -                              |
| Milton, . . . . .     | 5,518                     | -          | -        | -           | -           | -                          | -      | -                   | 2                 | -           | -                              |
| Needham, . . . . .    | 3,511                     | -          | -        | -           | -           | 1                          | -      | -                   | 2                 | -           | -                              |
| Norfolk, . . . . .    | 882                       | -          | -        | -           | 1           | -                          | -      | -                   | -                 | -           | -                              |
| Norwood, . . . . .    | 4,574                     | -          | -        | -           | -           | 1                          | -      | 2                   | 2                 | -           | -                              |
| Quincy, . . . . .     | 20,712                    | -          | 2        | -           | 7           | 4                          | 2      | 5                   | 9                 | 6           | -                              |
| Randolph, . . . . .   | 3,694                     | -          | -        | -           | -           | -                          | 1      | -                   | -                 | -           | -                              |
| Sharon, . . . . .     | 1,717                     | -          | -        | -           | -           | 1                          | -      | -                   | 2                 | -           | -                              |
| Stoughton, . . . . .  | 5,272                     | -          | -        | -           | 1           | -                          | -      | -                   | 1                 | -           | -                              |
| Walpole, . . . . .    | 2,994                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Wellesley, . . . . .  | 4,229                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Westwood, . . . . .   | -                         | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Weymouth, . . . . .   | 11,291                    | -          | 2        | -           | 4           | -                          | 3      | 1                   | 1                 | -           | -                              |
| Wrentham, . . . . .   | 2,584                     | -          | -        | -           | -           | -                          | -      | -                   | 1                 | -           | -                              |
| PLYMOUTH Co., . . .   |                           |            |          |             |             |                            |        |                     |                   |             |                                |
| Abington, . . . . .   | 4,207                     | -          | 5        | 3           | 11          | 4                          | 8      | 11                  | 12                | 7           | -                              |
| Bridgewater, . . . .  | 4,686                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | 1           | -                              |
| Brockton, . . . . .   | 33,165                    | -          | -        | 1           | 6           | 2                          | 4      | 8                   | 7                 | 1           | -                              |
| Carver, . . . . .     | 1,016                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Duxbury, . . . . .    | 1,966                     | -          | -        | -           | -           | -                          | 1      | -                   | -                 | -           | -                              |
| East Bridgewater, . . | 2,894                     | -          | -        | -           | -           | -                          | -      | 2                   | -                 | -           | -                              |
| Halifax, . . . . .    | 497                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Hanover, . . . . .    | 2,051                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Hanson, . . . . .     | 1,380                     | -          | -        | -           | -           | -                          | -      | -                   | 1                 | -           | -                              |
| Hingham, . . . . .    | 4,819                     | -          | -        | -           | 1           | -                          | -      | -                   | -                 | -           | -                              |
| Hull, . . . . .       | 1,044                     | -          | -        | -           | -           | -                          | -      | 1                   | -                 | -           | -                              |
| Kingston, . . . . .   | 1,746                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Lakeville, . . . . .  | 870                       | -          | -        | -           | -           | 1                          | -      | -                   | -                 | -           | -                              |
| Marion, . . . . .     | 759                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Marshfield, . . . . . | 1,760                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Mattapoisett, . . . . | 1,032                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Middleborough, . . .  | 6,689                     | -          | -        | 1           | 1           | -                          | -      | -                   | 1                 | 1           | -                              |
| Norwell, . . . . .    | 1,540                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Pembroke, . . . . .   | 1,223                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Plymouth, . . . . .   | 7,957                     | -          | 5        | -           | -           | -                          | 1      | -                   | 1                 | 2           | -                              |
| Plympton, . . . . .   | 549                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Rochester, . . . . .  | 1,021                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Rockland, . . . . .   | 5,523                     | -          | -        | -           | 1           | -                          | -      | -                   | 1                 | -           | -                              |
| Scituate, . . . . .   | 2,246                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Wareham, . . . . .    | 3,367                     | -          | -        | -           | -           | -                          | -      | -                   | 1                 | -           | -                              |
| West Bridgewater, . . | 1,747                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | 1           | -                              |
| Whitman, . . . . .    | 5,744                     | -          | -        | 1           | -           | 1                          | 2      | -                   | -                 | 1           | -                              |
| SUFFOLK Co., . . .    |                           |            |          |             |             |                            |        |                     |                   |             |                                |
| Boston, . . . . .     | 539,799                   | 10         | 109      | 85          | 307         | 94                         | 32     | 89                  | 165               | 55          | 5                              |
| Boston, . . . . .     | 496,920                   | 5          | 106      | 81          | 296         | 88                         | 29     | 81                  | 155               | 52          | 5                              |
| Chelsea, . . . . .    | 31,264                    | 5          | 2        | 3           | 10          | 6                          | 2      | 6                   | 8                 | 2           | -                              |
| Revere, . . . . .     | 7,423                     | -          | 1        | 1           | 1           | -                          | 1      | 2                   | 1                 | 1           | -                              |
| Winthrop, . . . . .   | 4,192                     | -          | -        | -           | -           | -                          | -      | -                   | 1                 | -           | -                              |

*Deaths in Each Town from Special Causes.*

| Childbirth. | Dysentery. | Diarrhœa. | Cholera Infantum. | Cholera Morbus. | Alcoholism. | Phthisis or Consumption. | Apoplexy. | Bronchitis. | Pneumonia. | Appendicitis. | Accident. | Homicide. | Infanticide. | Suicide. | Execution. |
|-------------|------------|-----------|-------------------|-----------------|-------------|--------------------------|-----------|-------------|------------|---------------|-----------|-----------|--------------|----------|------------|
| -           | -          | 1         | 2                 | -               | -           | 14                       | 7         | 1           | 7          | -             | 4         | -         | -            | -        | -          |
| -           | -          | -         | 1                 | -               | 3           | 2                        | 2         | -           | -          | 1             | 1         | -         | -            | -        | -          |
| 1           | -          | 2         | 4                 | -               | -           | 5                        | 4         | -           | 3          | 1             | 3         | -         | -            | 2        | -          |
| -           | 1          | 2         | 8                 | -               | -           | 9                        | 1         | -           | 7          | -             | -         | -         | -            | 1        | -          |
| -           | -          | -         | -                 | -               | -           | 30                       | 9         | 3           | 15         | 1             | 9         | -         | -            | 2        | -          |
| -           | -          | -         | 1                 | -               | -           | 10                       | 8         | 3           | 5          | -             | 1         | -         | -            | -        | -          |
| 1           | -          | -         | 1                 | -               | -           | 6                        | 1         | -           | 4          | -             | 1         | -         | -            | -        | -          |
| 1           | -          | -         | 1                 | -               | 1           | -                        | -         | 4           | 1          | -             | -         | -         | -            | -        | -          |
| 1           | -          | -         | 1                 | -               | -           | 4                        | 7         | 4           | 8          | -             | 2         | -         | -            | -        | -          |
| -           | 6          | -         | 1                 | -               | -           | 5                        | 3         | -           | 5          | -             | 2         | -         | -            | 1        | -          |
| -           | 1          | 1         | -                 | -               | -           | -                        | -         | 2           | -          | -             | 4         | -         | -            | -        | -          |
| -           | -          | -         | 3                 | -               | -           | 11                       | 2         | 3           | 10         | -             | -         | -         | -            | -        | -          |
| 2           | 3          | 6         | 17                | -               | 3           | 50                       | 15        | 16          | 25         | 1             | 16        | -         | -            | 1        | -          |
| -           | 1          | -         | 4                 | -               | -           | 10                       | 3         | 1           | 8          | -             | 2         | -         | -            | -        | -          |
| -           | -          | -         | 1                 | -               | -           | 9                        | 4         | -           | -          | -             | 1         | -         | -            | 1        | -          |
| -           | 2          | 1         | 3                 | -               | -           | 7                        | 1         | -           | 8          | 1             | 2         | -         | -            | -        | -          |
| -           | 1          | -         | 2                 | -               | -           | -                        | 2         | -           | 5          | -             | 3         | -         | -            | -        | -          |
| -           | 1          | 1         | -                 | -               | -           | 5                        | 6         | 1           | 9          | -             | 1         | -         | -            | 1        | -          |
| 1           | 1          | 1         | 3                 | -               | 1           | 18                       | 9         | 8           | 16         | 2             | 5         | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | -           | 4                        | 1         | 1           | 6          | -             | 2         | -         | -            | -        | -          |
| 6           | 21         | 10        | 32                | -               | 5           | 207                      | 106       | 40          | 148        | 7             | 68        | -         | -            | 7        | -          |
| -           | 1          | -         | -                 | -               | -           | 5                        | 2         | 2           | 8          | -             | 3         | -         | -            | -        | -          |
| 3           | 9          | 4         | -                 | -               | -           | 30                       | 7         | 4           | 11         | -             | 3         | -         | -            | -        | -          |
| -           | -          | 1         | 14                | -               | 1           | 66                       | 21        | 9           | 50         | 3             | 16        | -         | -            | 4        | -          |
| -           | -          | -         | 2                 | -               | -           | 1                        | -         | -           | 1          | -             | 2         | -         | -            | -        | -          |
| -           | -          | -         | 1                 | -               | -           | 4                        | 6         | 2           | 9          | -             | 2         | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | -           | 3                        | 2         | 1           | 1          | -             | 1         | -         | -            | -        | -          |
| -           | 2          | -         | -                 | -               | -           | 4                        | 1         | -           | 3          | 1             | 2         | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | -           | 2                        | 2         | 2           | 2          | -             | -         | -         | -            | -        | -          |
| -           | 1          | 1         | -                 | -               | -           | 8                        | 6         | 4           | 1          | -             | 2         | -         | -            | 1        | -          |
| -           | 1          | -         | -                 | -               | -           | -                        | 1         | 1           | 3          | -             | 6         | -         | -            | -        | -          |
| -           | -          | -         | 1                 | -               | -           | 5                        | 2         | -           | 3          | -             | -         | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | -           | 3                        | 2         | 1           | 2          | -             | 5         | -         | -            | -        | -          |
| -           | -          | -         | 1                 | -               | -           | 4                        | 1         | -           | 1          | -             | 1         | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | -           | 2                        | 2         | 2           | 3          | -             | 2         | -         | -            | -        | -          |
| -           | 1          | -         | 1                 | -               | 1           | 12                       | 5         | 2           | 8          | 1             | 2         | -         | -            | 1        | -          |
| 1           | -          | -         | -                 | -               | -           | 3                        | 5         | 2           | 3          | 1             | -         | -         | -            | -        | -          |
| 1           | -          | 1         | -                 | -               | -           | 1                        | 5         | -           | 3          | -             | -         | -         | -            | -        | -          |
| -           | -          | 1         | 3                 | -               | 1           | 17                       | 12        | 1           | 4          | -             | 6         | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | -           | 1                        | -         | -           | 1          | -             | -         | -         | -            | -        | -          |
| -           | -          | 1         | 4                 | -               | 1           | 2                        | 2         | 1           | -          | -             | 2         | -         | -            | -        | -          |
| -           | 1          | -         | 2                 | -               | -           | 9                        | 3         | -           | 5          | -             | 1         | -         | -            | -        | -          |
| -           | -          | -         | 1                 | -               | -           | 1                        | 2         | 1           | 2          | -             | 2         | -         | -            | -        | -          |
| -           | 1          | 1         | 1                 | -               | 1           | 10                       | 3         | 2           | 6          | 1             | 5         | -         | -            | -        | -          |
| -           | -          | -         | -                 | -               | -           | 2                        | 3         | 1           | -          | -             | 3         | -         | -            | -        | -          |
| 1           | 4          | -         | 2                 | -               | -           | 9                        | 5         | 2           | 9          | -             | 2         | -         | -            | 1        | -          |
| 58          | 37         | 106       | 308               | 19              | 77          | 1,490                    | 463       | 417         | 1,515      | 57            | 510       | 17        | -            | 107      | -          |
| 57          | 31         | 99        | 283               | 19              | 76          | 1,407                    | 424       | 400         | 1,429      | 52            | 494       | 16        | -            | 104      | 11         |
| 1           | 6          | 7         | 19                | -               | 1           | 73                       | 26        | 12          | 72         | 4             | 10        | 1         | -            | 1        | -          |
| -           | -          | -         | 5                 | -               | -           | 9                        | 9         | 5           | 9          | 1             | 2         | -         | -            | 1        | -          |
| -           | -          | -         | 1                 | -               | -           | 1                        | 4         | -           | 5          | -             | 4         | -         | -            | 1        | -          |

TABLE XI. — Concluded.

| COUNTIES AND TOWNS.     | Population<br>in<br>1895. | Small-pox. | Measles. | Scarlatina. | Diphtheria. | Cerebro-sp.<br>Meningitis. | Croup. | Whooping-<br>cough. | Typhoid<br>Fever. | Erysipelas. | Metria (Puer-<br>peral Fever). |
|-------------------------|---------------------------|------------|----------|-------------|-------------|----------------------------|--------|---------------------|-------------------|-------------|--------------------------------|
| WORCESTER Co., . . .    | 306,445                   | -          | 21       | 36          | 102         | 28                         | 19     | 30                  | 50                | 11          | 4                              |
| Ashburnham, . . .       | 2,148                     | -          | -        | -           | -           | -                          | -      | 1                   | 1                 | -           | -                              |
| Athol, . . .            | 7,364                     | -          | -        | 1           | -           | 2                          | -      | -                   | -                 | -           | -                              |
| Anuburn, . . .          | 1,598                     | -          | -        | -           | 1           | -                          | -      | 1                   | -                 | -           | -                              |
| Barre, . . .            | 2,278                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Berlin, . . .           | 897                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Blackstone, . . .       | 6,039                     | -          | 1        | 2           | -           | 1                          | 1      | 2                   | 4                 | -           | -                              |
| Bolton, . . .           | 797                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Boylston, . . .         | 729                       | -          | -        | -           | -           | -                          | 1      | -                   | -                 | -           | -                              |
| Brookfield, . . .       | 3,279                     | -          | -        | -           | 1           | -                          | 1      | -                   | -                 | -           | -                              |
| Charlton, . . .         | 1,877                     | -          | -        | -           | -           | -                          | -      | -                   | 1                 | -           | -                              |
| Clinton, . . .          | 11,497                    | -          | -        | -           | 2           | -                          | -      | 1                   | 3                 | 2           | -                              |
| Dana, . . .             | 717                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Douglas, . . .          | 2,026                     | -          | -        | -           | 1           | -                          | -      | 1                   | -                 | -           | -                              |
| Dudley, . . .           | 3,203                     | -          | -        | -           | -           | 1                          | -      | 1                   | 1                 | -           | -                              |
| Fitchburg, . . .        | 26,409                    | -          | 6        | 4           | 4           | 5                          | 4      | 4                   | 3                 | -           | 2                              |
| Gardner, . . .          | 9,182                     | -          | 4        | 5           | 11          | 1                          | 4      | 4                   | 2                 | -           | 1                              |
| Grafton, . . .          | 5,101                     | -          | -        | -           | 1           | -                          | -      | -                   | -                 | 1           | -                              |
| Hardwick, . . .         | 2,655                     | -          | -        | 1           | -           | -                          | 1      | -                   | -                 | -           | -                              |
| Harvard, . . .          | 1,162                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Holden, . . .           | 2,602                     | -          | -        | 1           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Hopedale, . . .         | 1,377                     | -          | -        | -           | -           | 2                          | -      | -                   | -                 | -           | -                              |
| Hubbardston, . . .      | 1,274                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Lancaster, . . .        | 2,180                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Leicester, . . .        | 3,239                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Leominster, . . .       | 9,211                     | -          | -        | 2           | 3           | 2                          | 1      | 2                   | -                 | 1           | -                              |
| Lunenburg, . . .        | 1,237                     | -          | -        | -           | -           | -                          | -      | -                   | 1                 | -           | -                              |
| Mendon, . . .           | 889                       | -          | -        | -           | 1           | -                          | 1      | -                   | -                 | -           | -                              |
| Milford, . . .          | 8,959                     | -          | 1        | 1           | 1           | 7                          | -      | -                   | 2                 | -           | -                              |
| Millbury, . . .         | 5,222                     | -          | -        | -           | 1           | -                          | 1      | -                   | 2                 | -           | -                              |
| New Braintree, . . .    | 542                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| North Brookfield, . . . | 4,635                     | -          | -        | 2           | 12          | -                          | -      | -                   | -                 | -           | -                              |
| Northborough, . . .     | 1,940                     | -          | -        | -           | 2           | -                          | -      | -                   | -                 | -           | -                              |
| Northbridge, . . .      | 5,286                     | -          | 1        | 2           | 4           | 1                          | -      | 1                   | 1                 | -           | -                              |
| Oakham, . . .           | 605                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Oxford, . . .           | 2,390                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Paxton, . . .           | 426                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Petersham, . . .        | 952                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Phillipston, . . .      | 460                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Princeton, . . .        | 952                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Royalston, . . .        | 890                       | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Rutland, . . .          | 978                       | -          | -        | -           | 1           | -                          | -      | -                   | -                 | -           | -                              |
| Shrewsbury, . . .       | 1,524                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Southborough, . . .     | 2,223                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Southbridge, . . .      | 8,250                     | -          | -        | -           | 1           | -                          | -      | 2                   | 1                 | -           | -                              |
| Spencer, . . .          | 7,614                     | -          | 1        | 2           | 1           | -                          | -      | -                   | 1                 | -           | -                              |
| Sterling, . . .         | 1,218                     | -          | -        | -           | -           | 1                          | -      | -                   | -                 | -           | -                              |
| Sturbridge, . . .       | 1,910                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Sutton, . . .           | 3,420                     | -          | -        | -           | 3           | 1                          | -      | 1                   | 1                 | -           | 1                              |
| Templeton, . . .        | 2,915                     | -          | -        | -           | 3           | -                          | -      | -                   | -                 | -           | -                              |
| Upton, . . .            | 2,150                     | -          | -        | -           | -           | -                          | -      | -                   | 1                 | -           | -                              |
| Uxbridge, . . .         | 3,546                     | -          | -        | -           | 4           | -                          | -      | -                   | 1                 | -           | -                              |
| Warren, . . .           | 4,430                     | -          | -        | 1           | 1           | -                          | 1      | -                   | -                 | -           | -                              |
| Webster, . . .          | 7,799                     | -          | -        | -           | 1           | -                          | 2      | -                   | 1                 | -           | -                              |
| West Boylston, . . .    | 2,968                     | -          | 2        | 1           | 1           | -                          | -      | -                   | -                 | 4           | -                              |
| West Brookfield, . . .  | 1,467                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Westborough, . . .      | 5,235                     | -          | -        | -           | -           | -                          | -      | 3                   | 3                 | -           | -                              |
| Westminster, . . .      | 1,315                     | -          | -        | -           | -           | -                          | -      | -                   | -                 | -           | -                              |
| Winchendon, . . .       | 4,490                     | -          | -        | 1           | -           | 1                          | -      | 2                   | -                 | -           | -                              |
| Worcester, . . .        | 98,767                    | -          | 5        | 10          | 41          | 3                          | 1      | 4                   | 20                | 3           | -                              |

*Deaths in Each Town from Special Causes.*

| Childbirth. | Dysentery. | Diarrhoea. | Cholera Infantum. | Cholera Morbus. | Alcoholism. | Phthisis or Consumption. | Apoplexy. | Bronchitis. | Pneumonia. | Appendicitis. | Accident. | Homicide. | Infanticide. | Suicide. | Execution. |
|-------------|------------|------------|-------------------|-----------------|-------------|--------------------------|-----------|-------------|------------|---------------|-----------|-----------|--------------|----------|------------|
| 27          | 34         | 46         | 247               | 14              | 9           | 545                      | 278       | 160         | 587        | 29            | 196       | 4         | 1            | 32       | -          |
| -           | 1          | -          | 1                 | -               | -           | 3                        | 4         | 1           | 4          | -             | 2         | -         | -            | -        | -          |
| -           | 3          | -          | 2                 | -               | 1           | 9                        | 7         | 3           | 11         | -             | 2         | -         | -            | 2        | -          |
| -           | -          | -          | 2                 | -               | -           | 1                        | 1         | 1           | 3          | -             | -         | -         | -            | -        | -          |
| -           | 1          | -          | -                 | -               | -           | 1                        | 7         | 1           | 3          | -             | -         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | -                        | -         | -           | 1          | -             | -         | -         | -            | -        | -          |
| 1           | -          | -          | 1                 | -               | -           | 18                       | 2         | 3           | 16         | -             | 7         | -         | -            | 2        | -          |
| -           | -          | -          | -                 | -               | -           | -                        | 1         | -           | 1          | -             | -         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | 2                        | 1         | -           | 1          | -             | 1         | -         | -            | 1        | -          |
| 1           | 1          | -          | 2                 | 1               | -           | 6                        | 6         | 2           | 2          | -             | 5         | -         | -            | -        | -          |
| 1           | 2          | 6          | 12                | -               | -           | 2                        | 3         | -           | 7          | -             | 3         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | 18                       | 8         | 4           | 16         | -             | 8         | -         | -            | -        | -          |
| 1           | -          | -          | -                 | -               | -           | 1                        | 1         | -           | 1          | -             | -         | -         | -            | -        | -          |
| -           | -          | -          | 1                 | -               | 1           | 3                        | -         | -           | 5          | 1             | 3         | 1         | -            | 2        | -          |
| -           | -          | 1          | 8                 | -               | -           | 2                        | 3         | 3           | 5          | -             | 2         | -         | -            | -        | -          |
| 5           | 4          | 3          | 19                | -               | 1           | 37                       | 13        | 13          | 44         | 1             | 13        | 1         | -            | 3        | -          |
| 1           | -          | -          | 14                | 2               | -           | 18                       | 12        | 9           | 17         | -             | 5         | -         | -            | -        | -          |
| -           | -          | 1          | 3                 | -               | -           | 8                        | 6         | 4           | 5          | -             | 1         | -         | -            | -        | -          |
| -           | -          | 1          | 2                 | -               | -           | 7                        | 2         | 4           | 11         | -             | 3         | -         | -            | -        | -          |
| -           | 1          | -          | -                 | -               | -           | 1                        | 3         | -           | -          | -             | -         | -         | -            | -        | -          |
| -           | -          | -          | 2                 | -               | -           | 5                        | 2         | 2           | 1          | -             | -         | -         | -            | -        | -          |
| -           | -          | -          | 2                 | -               | -           | 3                        | 2         | -           | -          | -             | 1         | -         | -            | -        | -          |
| 1           | -          | 1          | -                 | -               | -           | 1                        | 3         | 2           | 1          | -             | -         | 1         | -            | -        | -          |
| -           | 1          | -          | 1                 | -               | -           | 4                        | 4         | 2           | 3          | -             | 3         | -         | -            | -        | -          |
| -           | 2          | 1          | -                 | -               | -           | 8                        | 5         | 4           | 4          | -             | 1         | -         | -            | -        | -          |
| 1           | -          | -          | 4                 | -               | -           | 19                       | 9         | 5           | 15         | 1             | 9         | -         | -            | 3        | -          |
| -           | -          | -          | -                 | 1               | -           | 1                        | 1         | -           | 1          | 1             | 4         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | 3                        | 1         | 1           | 1          | -             | -         | -         | -            | -        | -          |
| 1           | 1          | 1          | 10                | -               | -           | 24                       | 14        | 5           | 46         | -             | 3         | -         | -            | -        | -          |
| -           | -          | 2          | 4                 | -               | -           | 7                        | 5         | 3           | 6          | 1             | 5         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | -                        | -         | 1           | 2          | -             | -         | -         | -            | -        | -          |
| -           | -          | -          | 4                 | -               | -           | 7                        | 7         | 1           | 5          | -             | -         | -         | -            | -        | -          |
| 1           | -          | -          | 1                 | -               | -           | 1                        | 3         | -           | 6          | -             | -         | -         | -            | 1        | -          |
| 1           | 2          | 2          | 9                 | -               | -           | 10                       | 5         | 5           | 10         | -             | 4         | -         | -            | -        | -          |
| 1           | 1          | 1          | 1                 | -               | -           | 10                       | 4         | 4           | 3          | -             | 1         | -         | -            | -        | -          |
| -           | -          | -          | 1                 | -               | -           | -                        | -         | -           | 4          | -             | 3         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | 1                        | 1         | -           | 2          | -             | 1         | -         | -            | -        | -          |
| 1           | -          | -          | -                 | -               | -           | -                        | 1         | 3           | -          | -             | 1         | -         | -            | -        | -          |
| -           | -          | 1          | -                 | -               | -           | 2                        | 2         | -           | 2          | -             | 1         | -         | -            | 1        | -          |
| -           | -          | -          | -                 | 2               | -           | 5                        | 1         | -           | 2          | -             | 1         | -         | -            | -        | -          |
| -           | -          | -          | 1                 | -               | -           | 1                        | 3         | -           | 2          | -             | -         | -         | 1            | -        | -          |
| 1           | 2          | 1          | 17                | -               | -           | 3                        | -         | 1           | 6          | -             | -         | -         | -            | -        | -          |
| -           | -          | -          | 6                 | 2               | -           | 16                       | 6         | 4           | 21         | -             | 4         | -         | -            | 1        | -          |
| -           | -          | -          | -                 | -               | -           | 5                        | 4         | 5           | 11         | -             | 6         | -         | -            | 3        | -          |
| -           | -          | -          | -                 | -               | -           | -                        | 1         | 2           | -          | -             | 1         | -         | -            | 1        | -          |
| -           | -          | -          | 3                 | -               | -           | 4                        | -         | -           | 5          | -             | 2         | -         | -            | -        | -          |
| -           | 1          | -          | 4                 | -               | -           | 6                        | 1         | 2           | 5          | -             | 3         | -         | -            | 1        | -          |
| -           | -          | -          | 3                 | -               | -           | 3                        | 7         | 2           | 1          | 2             | 4         | -         | -            | 1        | -          |
| -           | 1          | -          | -                 | -               | -           | 4                        | 3         | -           | 9          | -             | -         | -         | -            | -        | -          |
| -           | -          | 1          | 5                 | -               | -           | 4                        | 3         | -           | 7          | -             | 2         | -         | -            | 1        | -          |
| -           | -          | 1          | -                 | -               | -           | 4                        | 3         | 2           | 4          | -             | 1         | -         | -            | -        | -          |
| 2           | -          | 1          | 17                | 1               | -           | 15                       | 6         | 5           | 9          | -             | 5         | -         | -            | -        | -          |
| 1           | -          | 2          | 1                 | -               | -           | 6                        | 1         | 3           | 6          | -             | 2         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | 5                        | 3         | -           | 1          | -             | 2         | -         | -            | -        | -          |
| 1           | -          | 1          | -                 | -               | 1           | 9                        | 5         | 2           | 13         | 1             | 3         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | 1                        | 2         | -           | 2          | -             | -         | -         | -            | -        | -          |
| -           | -          | -          | -                 | -               | -           | 1                        | 5         | 1           | 9          | 1             | 3         | -         | -            | -        | -          |
| 5           | 10         | 16         | 84                | 4               | 5           | 209                      | 72        | 45          | 209        | 20            | 65        | 1         | -            | 9        | -          |

TABLE XII. — *Aged One Hundred Years or More. — Died in 1899.*

| Date.     | NAME.  | Age. |      | Place of Birth.               | Place of Death.        | Whether Married. |
|-----------|--|------|------|-------------------------------|------------------------|------------------|
|           |  | Yrs. | Mos. |                               |                        |                  |
| Jan. 1.   | Ellen Daly (m. n. O'Neil), . . . . .             | 101  | 2    | Ireland, . . . . .            | Lawrence, . . . . .    | Widow.           |
| Jan. 12.  | Joseph D. Jones, . . . . .                       | 101  | —    | Boston, . . . . .             | Boston, . . . . .      | Married.         |
| Jan. 23.  | Bridget Fox (m. n. Cullerton), . . . . .         | 105  | —    | Ireland, . . . . .            | Lowell, . . . . .      | Widow.           |
| Jan. 29.  | Joseph St. John, . . . . .                       | 101  | —    | Canada, . . . . .             | Sturbridge, . . . . .  | Widower.         |
| Feb. 9.   | Mary Murphy, . . . . .                           | 100  | 9    | Ireland, . . . . .            | Weymouth, . . . . .    | Widow.           |
| Feb. 26.  | Mariana Smith (m. n. Patch), . . . . .           | 101  | 5    | Western Islands, . . . . .    | Manchester, . . . . .  | Widow.           |
| March 3.  | Lydia Gale (m. n. Cartwright), . . . . .         | 101  | 1    | Charlestown, Mass., . . . . . | Everett, . . . . .     | Widow.           |
| April 5.  | Emilie Boucher, . . . . .                        | 103  | —    | Canada, . . . . .             | Southbridge, . . . . . | Widow.           |
| April 11. | Catherine Dufey (m. n. Cottontown), . . . . .    | 101  | 7    | Ireland, . . . . .            | Boston, . . . . .      | Widow.           |
| April 28. | Mary Spooner, . . . . .                          | 105  | 2    | New Bedford, . . . . .        | New Bedford, . . . . . | Single.          |
| May 29.   | Ann Kendall, . . . . .                           | 105  | —    | West Indies, . . . . .        | Boston, . . . . .      | Widow.           |
| June 16.  | Mary Forrester, . . . . .                        | 100  | —    | Ireland, . . . . .            | Framingham, . . . . .  | Single.          |
| June 17.  | Genevieve Collette, . . . . .                    | 104  | 8    | Canada, . . . . .             | Methuen, . . . . .     | Single.          |
| July 4.   | Sarah Lynch (m. n. Hosford), . . . . .           | 100  | 9    | Plainfield, . . . . .         | Stockbridge, . . . . . | Single.          |
| Aug. 17.  | Orpha Hammond (m. n. Packard), . . . . .         | 100  | 2    | Bridgewater, . . . . .        | Watertown, . . . . .   | Widow.           |
| Aug. 18.  | Christopher C. Quinn, . . . . .                  | 100  | 9    | Ireland, . . . . .            | Russell, . . . . .     | Widower.         |
| Aug. 27.  | Mary Russell Bradford (m. n. Winslow), . . . . . | 106  | 2    | Boston, . . . . .             | Cambridge, . . . . .   | Widow.           |
| Aug. 30.  | Jane Jones (m. n. Antle), . . . . .              | 101  | 3    | Briggs, N. F., . . . . .      | Boston, . . . . .      | Widow.           |
| Sept. 5.  | John Scrinney, . . . . .                         | 102  | —    | Ireland, . . . . .            | Taunton, . . . . .     | Married.         |
| Oct. 31.  | Phebe Williams (m. n. Hill), . . . . .           | 102  | 11   | Connecticut, . . . . .        | New Bedford, . . . . . | Widow.           |
| Nov. 28.  | Timothy McDonald, . . . . .                      | 103  | 7    | Ireland, . . . . .            | Greenfield, . . . . .  | Widower.         |

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DIVORCES IN MASSACHUSETTS.

1899.

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# DIVORCES. — THE STATE AND COUNTIES. — (*By Statute Causes.*) — 1899.

*Distinguishing, by Sex, the Libellants; Libels Contested and Uncontested; Number of Years Married; and Divorces Granted and Refused.*

(Number of libels pending Jan. 1, 1899 (including all cases, whether decrees nisi had been entered or not), . . . . . 2,152  
 “ “ pending Jan. 1, 1899, in which decrees nisi had been entered at that date, . . . . . 550  
 “ “ filed during the year 1899, . . . . . 1,727  
 “ “ in which decrees nisi were entered during the year 1899, . . . . . 1,177  
 Number of cases in which nisi decrees had been entered (whether pending January 1, or since entered), which were finally  
 disposed of during the year 1899, . . . . . 1,159  
 (Number of cases finally determined in 1899, . . . . . 1,315)

| CAUSES.                                   | LIBELLANTS. |                     | Not con-<br>tested. | Con-<br>tested. | DIVORCE.   |          |   | NUMBER OF YEARS MARRIED. |                     |              |               |                |                |            |        | Aver-<br>age. |
|---|-------------|---------------------|---------------------|-----------------|------------|----------|---|--------------------------|---------------------|--------------|---------------|----------------|----------------|------------|--------|---------------|
|   | No.         | SEX.                |                     |                 | Granted.   | Refused. | Discon-<br>tinued or<br>Dis-<br>missed. | Under<br>6<br>mos.       | Under<br>1<br>year. | 1<br>to<br>5 | 5<br>to<br>10 | 10<br>to<br>20 | 20<br>to<br>30 | Over<br>30 |        |               |
|   |             |                     |                     |                 |            |          |   |                          |                     |              |               |                |                |            |        |               |
| Adultery, . . . . .                       | 302         | { Males,<br>Fem., . | 174<br>142          | 30<br>16        | 118<br>101 | 4<br>—   | 82<br>57                                | —<br>—                   | 56<br>32            | 61<br>52     | 21<br>55      | 21<br>18       | 1 }<br>1 }     | 3,559      | 9·83   |               |
| Cruel and abusive<br>treatment, . . . . . | 197         | { Males,<br>Fem., . | 7<br>154            | 9<br>27         | 3<br>134   | —<br>—   | 13<br>47                                | —<br>—                   | 5<br>42             | 3<br>59      | 5<br>16       | 3<br>3         | — }<br>3 }     | 1,968      | *10·09 |               |
| Desertion, . . . . .                      | 725         | { Males,<br>Fem., . | 255<br>427          | 28<br>15        | 177<br>355 | 2<br>—   | 104<br>87                               | —<br>—                   | 28<br>42            | 97<br>142    | 99<br>182     | 43<br>59       | 16 }<br>17 }   | 9,347      | 12·89  |               |
| Extreme cruelty, . . . . .                | 163         | { Males,<br>Fem., . | 16<br>129           | 3<br>15         | 1<br>57    | 1<br>1   | 17<br>86                                | —<br>—                   | 6<br>37             | 7<br>54      | 5<br>40       | 1<br>9         | — }<br>4 }     | 1,475      | 9·05   |               |



|                      |       |                    |              |              |          |            |        |            |        |          |            |            |            |           |          |        |         |
|----------------------|-------|--------------------|--------------|--------------|----------|------------|--------|------------|--------|----------|------------|------------|------------|-----------|----------|--------|---------|
| Imprisonment, . . .  | 6     | Fem.,.             | 6            | 5            | 1        | 6          | -      | -          | -      | 2        | -          | 2          | 1          | 1         | 87       | 14.50  |         |
| Impotency, . . .     | 4     | { Males,<br>Fem.,. | 3<br>1       | 3<br>-       | -<br>1   | -<br>-     | -<br>1 | 3<br>-     | 1<br>- | 1<br>-   | 1<br>-     | -<br>-     | -<br>1     | -<br>-    | 31       | +10.33 |         |
| Intoxication, . . .  | 258   | { Males,<br>Fem.,. | 58<br>200    | 50<br>193    | 8<br>7   | 32<br>143  | -<br>1 | 26<br>56   | -<br>- | 20<br>43 | 12<br>61   | 22<br>74   | 3<br>17    | 1<br>5    | 2,630    | 10.19  |         |
| Non-support, . . .   | 50    | Fem.,.             | 50           | 44           | 6        | 27         | 1      | 22         | -      | -        | 14         | 16         | 3          | 1         | 479      | 9.58   |         |
| Nullity of marriage, | 19    | { Males,<br>Fem.,. | 10<br>9      | 8<br>9       | 2<br>-   | 4<br>5     | -<br>- | 6<br>4     | 1<br>1 | -<br>-   | 8<br>4     | 1<br>1     | -<br>-     | -<br>-    | 63       | +3.71  |         |
| Totals,   . . .      | 1,784 | { Males,<br>Fem.,. | 593<br>1,191 | 513<br>1,103 | 80<br>88 | 335<br>828 | 7<br>4 | 251<br>359 | 2<br>1 | -<br>2   | 124<br>216 | 181<br>387 | 197<br>429 | 71<br>124 | 18<br>32 | 19,639 | \$11.04 |

\* Aggregate and average of 195 cases. † Aggregate and average of 3 cases. ‡ Aggregate and average of 17 cases. § Aggregate and average of 1,779 cases.  
 || Two cases transferred from Hampden to Worcester; one case from Hampshire to Hampden; one case from Suffolk to Hampshire; one case from Suffolk to Middlesex; one case from Suffolk to Plymouth; thirteen cases probate appeals; eight cases placed on file; one libel for affirmation; one petition for alimony; one petition for custody of child and one petition to revise.

# DIVORCES, 1899—Continued.

(Number of libels pending Jan. 1, 1899 (including all cases, whether decrees nisi had been entered or not), . . . . . 19  
 " " pending Jan. 1, 1899, in which decrees nisi had been entered at that date, . . . . . 9  
 " " filed during the year 1899, . . . . . 13  
 " " in which decrees nisi were entered during the year 1899, . . . . . 8  
 Number of cases in which nisi decrees have been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1899, . . . . . 11  
 Number of cases finally determined in 1899, . . . . . 13

BARNSTABLE CO.,

| CAUSES.                               | LIBELLANTS. |                     | Not con-<br>tested. | Con-<br>tested. | DIVORCE. |          |   | NUMBER OF YEARS MARRIED. |                     |              |               |                |                |            |                 |               |
|---------------------------------------|-------------|---------------------|---------------------|-----------------|----------|----------|---|--------------------------|---------------------|--------------|---------------|----------------|----------------|------------|-----------------|---------------|
|                                       | No.         | SEX.                |                     |                 | Granted. | Refused. | Discon-<br>tinued or<br>Dis-<br>missed. | Under<br>6<br>mos.       | Under<br>1<br>year. | 1<br>to<br>5 | 5<br>to<br>10 | 10<br>to<br>20 | 20<br>to<br>30 | Over<br>30 | Aggre-<br>gate. | Aver-<br>age. |
|                                       |             |                     |                     |                 |          |          |   |                          |                     |              |               |                |                |            |                 |               |
| Adultery, . . .                       | 2           | Males,              | 1                   | 1               | 1        | 1        | -                                       | -                        | 1                   | -            | 1             | -              | -              | 15         | 7.50            |               |
| Cruel and abusive<br>treatment, . . . | 3           | Fem., .             | 2                   | 1               | 2        | -        | 1                                       | -                        | 1                   | 1            | -             | -              | -              | *11        | 5.50            |               |
| Desertion, . . .                      | 8           | { Males,<br>Fem., . | 3<br>4              | 1<br>-          | 4<br>4   | -<br>-   | -<br>-                                  | -<br>-                   | -<br>-              | 1<br>1       | 3<br>1        | -<br>1         | -<br>-         | 95         | 11.87           |               |
| Totals, . . .                         | 13          | { Males,<br>Fem., . | 4<br>6              | 2<br>1          | 5<br>6   | 1<br>-   | -<br>1                                  | -<br>-                   | 1<br>2              | 1<br>2       | 4<br>1        | -<br>1         | -<br>-         | +121       | 10.08           |               |

\* Aggregate and average of 2 cases.

† Aggregate and average of 12 cases.

(Number of libels pending Jan. 1, 1899 (including all cases, whether decrees nisi had been entered or not), . . . . . 75  
 " " pending Jan. 1, 1899, in which decrees nisi had been entered at that date, . . . . . 33  
 " " filed during the year 1899, . . . . . 42  
 " " in which decrees nisi were entered during the year 1899, . . . . . 31  
 Number of cases in which nisi decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1899, . . . . . 39  
 Number of cases finally determined in 1899, . . . . . 45)

## BERKSHIRE CO.,

| CAUSES.                                   | LIBELLANTS. |                     | Not con-<br>tested. | Con-<br>tested. | DIVORCE. |          |   | NUMBER OF YEARS MARRIED. |                     |              |               |                |                |            |       | Aggre-<br>gate. | Aver-<br>age. |
|---|-------------|---------------------|---------------------|-----------------|----------|----------|---|--------------------------|---------------------|--------------|---------------|----------------|----------------|------------|-------|-----------------|---------------|
|   | No.         | SEX.                |                     |                 | Granted. | Refused. | Discon-<br>tinued or<br>Dis-<br>missed. | Under<br>6<br>mos        | Under<br>1<br>year. | 1<br>to<br>5 | 5<br>to<br>10 | 10<br>to<br>20 | 20<br>to<br>30 | Over<br>30 |       |                 |               |
|   |             |                     |                     |                 |          |          |   |                          |                     |              |               |                |                |            |       |                 |               |
| Adultery, . . . . .                       | 9           | { Males,<br>Fem., . | 7                   | -               | 6        | -        | 1                                       | -                        | 1                   | 4            | 2             | -              | -              | 69         | 7.67  |                 |               |
| Cruel and abusive<br>treatment, . . . . . | 8           | { Males,<br>Fem., . | 1                   | -               | 1        | -        | -                                       | -                        | -                   | -            | -             | -              | -              | 72         | 9.00  |                 |               |
| Desertion, . . . . .                      | 17          | { Males,<br>Fem., . | 7                   | 1               | 6        | -        | 1                                       | -                        | -                   | 4            | 1             | -              | -              | 130        | 7.65  |                 |               |
| Intoxication, . . . . .                   | 9           | Fem., .             | 7                   | 2               | 9        | -        | -                                       | -                        | -                   | 2            | 5             | -              | -              | 77         | 8.56  |                 |               |
| Non-support, . . . . .                    | 1           | Fem., .             | 1                   | -               | 1        | -        | -                                       | -                        | -                   | -            | -             | -              | 1              | 36         | 36.00 |                 |               |
| Nullity of marriage,                      | 1           | Fem., .             | 1                   | -               | 1        | -        | -                                       | -                        | -                   | 1            | -             | -              | -              | 1          | 1.00  |                 |               |
| Totals, . . . . .                         | 45          | { Males,<br>Fem., . | 14                  | 3               | 13       | -        | 2                                       | -                        | -                   | 6            | 3             | -              | -              | 385        | 8.56  |                 |               |
|   |             |                     | 27                  |                 | 28       | -        | 2                                       |                          |                     | 7            | 8             | 3              | 1              |            |       |                 |               |



|                      |     |                     |          |          |        |          |   |         |        |         |         |         |        |
|----------------------|-----|---------------------|----------|----------|--------|----------|---|---------|--------|---------|---------|---------|--------|
| Non-support, . . .   | 2   | Fem., .             | 2        | 2        | —      | 1        | — | 1       | —      | 1       | —       | 18      | 9.00   |
| Nullity of marriage, | 1   | Males,              | 1        | 1        | —      | —        | — | 1       | —      | —       | —       | —       | —      |
| Totals, . . .        | 100 | { Males,<br>Fem., } | 21<br>79 | 17<br>77 | 4<br>2 | 15<br>63 | — | 6<br>16 | 1<br>— | 3<br>10 | 7<br>25 | 6<br>34 | 1<br>9 |
|                      |     |                     |          |          |        |          |   |         |        |         |         | +1,173  | 11.85  |

† Aggregate and average of 99 cases.

\* District attorney notified in 1 case.

|            |   |       |
|------------|---|-------|
| DUKES CO., | (Number of libels pending Jan. 1, 1899 (including all cases, whether decrees nisi had been entered or not), . . . . .   | 4     |
|            | “ “ pending Jan. 1, 1899, in which decrees nisi had been entered at that date, . . . . .  | —     |
|            | “ “ filed during the year 1899, . . . . .   | 5     |
|            | “ “ in which decrees nisi were entered during the year 1899, . . . . .  | 1     |
|            | (Number of cases in which nisi decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1899, . . . . . | —     |
|            | (Number of cases finally determined in 1899, . . . . .  | None. |

## DIVORCES, 1899 — Continued.

(Number of libels pending Jan. 1, 1899 (including all cases, whether decrees nisi had been entered or not), . . . . . 175  
 “ “ “ pending Jan. 1, 1899, in which decrees nisi had been entered at that date, . . . . . 72  
 “ “ “ filed during the year 1899, . . . . . 266  
 “ “ “ in which decrees nisi were entered during the year 1899, . . . . . 188  
 Number of cases in which nisi decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1899, . . . . . 166  
 Number of cases finally determined in 1899, . . . . . 183)

## ESSEX CO.,

| CAUSES.                                   | LIBELLANTS. |                            | Not con-<br>tested. | DIVORCE.  |          |   | NUMBER OF YEARS MARRIED. |                     |              |               |                |                |            |
|---|-------------|----------------------------|---------------------|-----------|----------|---|--------------------------|---------------------|--------------|---------------|----------------|----------------|------------|
|   | No.         | Sex.                       |                     | Granted.  | Refused. | Discon-<br>tinued or<br>Dis-<br>missed. | Under<br>6<br>mos.       | Under<br>1<br>year. | 1<br>to<br>5 | 5<br>to<br>10 | 10<br>to<br>20 | 20<br>to<br>30 | Over<br>30 |
| Adultery, . . . . .                       | 39          | { Males, 23<br>Fem., 16 }  | 19 4<br>11 5        | 19<br>14  | —<br>—   | 4<br>2                                  | —<br>—                   | —<br>—              | 6<br>—       | 10<br>6       | 4<br>9         | 3<br>1         | —<br>—     |
| Cruel and abusive<br>treatment, . . . . . | 29          | { Males, 3<br>Fem., 26 }   | — 3<br>18 8         | 1<br>24   | —<br>—   | 2<br>2                                  | —<br>—                   | 1<br>1              | 1<br>3       | 1<br>11       | 1<br>8         | —<br>3         | —<br>—     |
| Desertion, . . . . .                      | 90          | { Males, 34<br>Fem., 56 }  | 29 5<br>53 3        | 32<br>54  | —<br>—   | 2<br>2                                  | —<br>—                   | —<br>—              | —<br>6       | 11<br>19      | 15<br>26       | 4<br>5         | 4<br>—     |
| Extreme cruelty, . . . . .                | 2           | Fem., 2                    | 1 1                 | 2         | —        | —                                       | —                        | —                   | —            | —             | 1              | —              | 1          |
| Intoxication, . . . . .                   | 20          | { Males, 1<br>Fem., 19 }   | 1 —<br>18 1         | 1<br>19   | —<br>—   | —<br>—                                  | —<br>—                   | —<br>—              | —<br>1       | —<br>13       | 1<br>4         | —<br>—         | —<br>1     |
| Non-support, . . . . .                    | 3           | Fem., 3                    | 2 1                 | 3         | —        | —                                       | —                        | —                   | —            | 1             | 2              | —              | —          |
| Totals, . . . . .                         | 183         | { Males, 61<br>Fem., 122 } | 49 12<br>103 19     | 53<br>116 | —<br>—   | 8<br>6                                  | —<br>—                   | —<br>1              | 7<br>10      | 22<br>50      | 21<br>50       | 7<br>9         | 4<br>2     |
|   |             |                            |                     |           |          |   |                          |                     |              |               |                |                | +2,118     |
|   |             |                            |                     |           |          |   |                          |                     |              |               |                |                | 11·64      |

\* Aggregate and average of 28 cases.

† Aggregate and average of 182 cases.

(Number of libels pending Jan. 1, 1899 (including all cases, whether decrees nisi had been entered or not), . . . . . 44  
 " " pending Jan. 1, 1899, in which decrees nisi had been entered at that date, . . . . . 23  
 " " filed during the year 1899, . . . . . 27  
 " " in which decrees nisi were entered during the year 1899, . . . . . 18  
 Number of cases in which nisi decrees had been entered (whether pending January 1, or since entered), which were finally  
 disposed of during the year 1899, . . . . . 15  
 Number of cases finally determined in 1899, . . . . . 15)

## FRANKLIN CO.,

| CAUSES.                                   | LIBELLANTS. |                   | Not con-<br>tested. | Con-<br>tested. | DIVORCE. |          |   | NUMBER OF YEARS MARRIED. |                     |                    |                |                |            |                 |               |
|---|-------------|-------------------|---------------------|-----------------|----------|----------|---|--------------------------|---------------------|--------------------|----------------|----------------|------------|-----------------|---------------|
|   | No.         | Sex.              |                     |                 | Granted. | Refused. | Discon-<br>tinued or<br>Dis-<br>missed. | Under<br>6<br>mos.       | Under<br>1<br>year. | 1<br>to<br>5<br>10 | 10<br>to<br>20 | 20<br>to<br>30 | Over<br>30 | Aggre-<br>gate. | Aver-<br>age. |
|   |             |                   |                     |                 |          |          |   |                          |                     |                    |                |                |            |                 |               |
| Adultery, . . . . .                       | 1           | Males,            | 1                   | -               | 1        | -        | -                                       | -                        | -                   | -                  | -              | 1              | -          | 22              | 22.00         |
| Cruel and abusive<br>treatment, . . . . . | 4           | Fem.,             | 4                   | -               | 3        | -        | 1                                       | -                        | -                   | 2                  | -              | 1              | 1          | 61              | 15.25         |
| Desertion, . . . . .                      | 6           | { Males,<br>Fem., | 1<br>5              | -               | 1<br>5   | -        | -                                       | -                        | -                   | -                  | 4              | 1              | -          | 107             | 17.83         |
| Extreme cruelty, . . . . .                | 2           | Fem.,             | 2                   | -               | 2        | -        | -                                       | -                        | -                   | -                  | -              | -              | -          | 9               | 4.50          |
| Intoxication, . . . . .                   | 1           | Fem.,             | 1                   | -               | 1        | -        | -                                       | -                        | -                   | 1                  | -              | -              | -          | 11              | 11.00         |
| Non-support, . . . . .                    | 1           | Fem.,             | 1                   | -               | 1        | -        | -                                       | -                        | -                   | -                  | -              | -              | -          | 5               | 5.00          |
| Totals, . . . . .                         | 15          | { Males,<br>Fem., | 2<br>13             | -               | 2<br>12  | -        | 1                                       | -                        | -                   | -                  | 2              | 7              | 1          | 215             | 14.33         |

## DIVORCES, 1899 — Continued.

|  |     |
|--|-----|
| (Number of libels pending Jan. 1, 1899 (including all cases, whether decrees nisi had been entered or not),  | 156 |
| “ “ “ pending Jan. 1, 1899, in which decrees nisi had been entered at that date,   | 40  |
| “ “ “ filed during the year 1899,  | 98  |
| “ “ “ in which decrees nisi were entered during the year 1899,   | 67  |
| Number of cases in which nisi decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1899, | 78  |
| (Number of cases finally determined in 1899,   | 142 |

## HAMPDEN CO.,

| CAUSES.                                   | LIBELLANTS. |                                       | Not con-<br>tested. | Con-<br>tested. | DIVORCE. |          |   | NUMBER OF YEARS MARRIED. |                     |         |          |          |          |            |                 | Aver-<br>age. |
|---|-------------|---------------------------------------|---------------------|-----------------|----------|----------|---|--------------------------|---------------------|---------|----------|----------|----------|------------|-----------------|---------------|
|   | No.         | SEX.                                  |                     |                 | Granted. | Refused. | Discon-<br>tinued or<br>Dis-<br>missed. | Under<br>6<br>mos.       | Under<br>1<br>year. | 1<br>5  | 5<br>10  | 10<br>20 | 20<br>30 | Over<br>30 | Aggre-<br>gate. |               |
|   |             |                                       |                     |                 |          |          |   |                          |                     |         |          |          |          |            |                 |               |
| Adultery, . . . . .                       | 23          | { Males,<br>Fem., . . . . .           | 15<br>8             | 2<br>1          | 6<br>4   | -<br>-   | 9<br>4                                  | -<br>-                   | 4<br>-              | 6<br>3  | 5<br>3   | -<br>2   | -<br>-   | -<br>-     | 217             | 9·43          |
| Cruel and abusive<br>treatment, . . . . . | 32          | { Males,<br>Fem., . . . . .           | 5<br>27             | 2<br>1          | 1<br>14  | -<br>-   | 4<br>13                                 | -<br>-                   | -<br>-              | 2<br>7  | 2<br>10  | 1<br>5   | -<br>-   | -<br>-     | 342             | 10·69         |
| Desertion, . . . . .                      | 55          | { Males,<br>Fem., . . . . .           | 28<br>27            | 1<br>-          | 15<br>19 | -<br>-   | 13<br>8                                 | -<br>-                   | -<br>-              | 2<br>3  | 11<br>11 | 9<br>9   | 5<br>3   | 1<br>1     | 680             | 12·36         |
| Imprisonment,<br>Impotency, . . . . .     | 1<br>1      | { Fem., . . . . .<br>Males, . . . . . | 1<br>1              | -<br>-          | 1<br>-   | -<br>-   | -<br>1                                  | -<br>1                   | -<br>-              | -<br>-  | -<br>-   | -<br>-   | -<br>-   | -<br>-     | 11              | 11·00         |
| Intoxication, . . . . .                   | 25          | { Males,<br>Fem., . . . . .           | 4<br>21             | -<br>-          | 2<br>13  | -<br>-   | 2<br>8                                  | -<br>-                   | -<br>-              | 1<br>5  | 3<br>9   | -<br>3   | -<br>-   | -<br>-     | 278             | 11·12         |
| Non-support, . . . . .                    | 3           | { Fem., . . . . .                     | 3                   | -               | 2        | -        | 1                                       | -                        | -                   | 1       | 1        | 1        | -        | -          | 18              | 6·00          |
| Totals,* . . . . .                        | 140         | { Males,<br>Fem., . . . . .           | 53<br>87            | 5<br>2          | 24<br>53 | -<br>-   | 29<br>34                                | 1<br>-                   | -<br>-              | 9<br>16 | 17<br>24 | 19<br>33 | 6<br>13  | 1<br>1     | +1,546          | 11·12         |

\* Two cases to Worcester.

† Aggregate and average of 139 cases.



(Number of libels pending Jan. 1, 1899 (including all cases, whether decrees *nisi* had been entered or not), . . . . . 27  
 " " pending Jan. 1, 1900, in which decrees *nisi* had been entered at that date, . . . . . 9  
 " " filed during the year 1899, . . . . . 18  
 " " in which decrees *nisi* were entered during the year 1899, . . . . . 9  
 Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1899, . . . . . 14  
 Number of cases finally determined in 1899, . . . . . 21)

## HAMPSHIRE CO.,

| CAUSES.                                   | LIBELLANTS. |                             | Not con-<br>tested. | Con-<br>tested. | DIVORCE. |          |   | NUMBER OF YEARS MARRIED. |                     |              |         |                |                |            |                 | Aver-<br>age. |
|---|-------------|-----------------------------|---------------------|-----------------|----------|----------|---|--------------------------|---------------------|--------------|---------|----------------|----------------|------------|-----------------|---------------|
|   | No.         | SEX.                        |                     |                 | Granted. | Refused. | Discon-<br>tinued or<br>Dis-<br>missed. | Under<br>6<br>mos.       | Under<br>1<br>year. | 1<br>to<br>5 | 5<br>10 | 10<br>to<br>20 | 20<br>to<br>30 | Over<br>30 | Aggre-<br>gate. |               |
|   |             |                             |                     |                 |          |          |   |                          |                     |              |         |                |                |            |                 |               |
| Adultery, . . . . .                       | 6           | { Males,<br>Fem., . . . . . | 4<br>2*             | 4<br>1          | 3<br>2   | -<br>-   | 1<br>-                                  | -<br>-                   | 1<br>-              | 1<br>-       | 2<br>2  | -<br>-         | -<br>-         | 63         | 10.50           |               |
| Cruel and abusive<br>treatment, . . . . . | 4           | Fem., . . . . .             | 4                   | 3               | 4        | -        | -                                       | -                        | -                   | -            | 2       | 1              | 1              | -          | 50              | 12.50         |
| Desertion, . . . . .                      | 6           | { Males,<br>Fem., . . . . . | 4<br>2              | 3<br>2          | 2<br>2   | -<br>-   | 2<br>-                                  | -<br>-                   | -<br>-              | 1<br>1       | 1<br>-  | 1<br>-         | 1<br>-         | 90         | 15.00           |               |
| Extreme cruelty, . . . . .                | 1           | Fem., . . . . .             | 1                   | -               | -        | -        | 1                                       | -                        | -                   | 1            | -       | -              | -              | 1          | 1.00            |               |
| Intoxication, . . . . .                   | 2           | Fem., . . . . .             | 2                   | 1               | 1        | -        | 1                                       | -                        | -                   | -            | -       | 2              | -              | 30         | 15.00           |               |
| Non-support, . . . . .                    | 1           | Fem., . . . . .             | 1                   | 1               | -        | -        | 1                                       | -                        | -                   | 1            | -       | -              | -              | 1          | 1.00            |               |
| Totals,† . . . . .                        | 20          | { Males,<br>Fem., . . . . . | 8<br>12             | 7<br>8          | 5<br>9   | -<br>-   | 3<br>3                                  | -<br>-                   | -<br>-              | 2<br>3       | 3<br>5  | 1<br>1         | 1<br>-         | 235        | 11.75           |               |

\* District attorney notified in 1 case.

† One case to Hampden County.

## DIVORCES, 1899 — Continued.

|  |     |
|--|-----|
| (Number of libels pending Jan. 1, 1899 (including all cases, whether decrees nisi had been entered or not), . . . . .  | 384 |
| " " pending Jan. 1, 1899, in which decrees nisi had been entered at that date, . . . . .   | 116 |
| " " filed during the year 1899, . . . . .  | 294 |
| " " in which decrees nisi were entered during the year 1899, . . . . .   | 228 |
| Number of cases in which nisi decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1899, . . . . . | 228 |
| Number of cases finally determined in 1899, . . . . .  | 262 |

## MIDDLESEX CO.,

| CAUSES.            | LIBELLANTS. |                       | Not con-<br>tested. | Con-<br>tested. | DIVORCE. |          |   | NUMBER OF YEARS MARRIED. |                     |              |               |                |                |            |                 |               |
|--------------------|-------------|-----------------------|---------------------|-----------------|----------|----------|---|--------------------------|---------------------|--------------|---------------|----------------|----------------|------------|-----------------|---------------|
|                    | No.         | SEX.                  |                     |                 | Granted. | Refused. | Discon-<br>tinued or<br>Dis-<br>missed. | Under<br>6<br>mos.       | Under<br>1<br>year. | 1<br>to<br>5 | 5<br>to<br>10 | 10<br>to<br>20 | 20<br>to<br>30 | Over<br>30 | Aggre-<br>gate. | Aver-<br>age. |
|                    |             |                       |                     |                 |          |          |   |                          |                     |              |               |                |                |            |                 |               |
| Adultery, . .      | 58          | { Males,<br>Fem., . . | 27<br>20            | 8<br>3          | 28<br>19 | 3<br>-   | 4<br>4                                  | -<br>-                   | 8<br>5              | 11<br>7      | 12<br>5       | 4<br>6         | -<br>-         | 642        | 11·07           |               |
| Desertion, . .     | 113         | { Males,<br>Fem., . . | 36<br>71            | 4<br>2          | 36<br>69 | 1<br>-   | 3<br>4                                  | -<br>-                   | 4<br>7              | 13<br>30     | 16<br>19      | 7<br>14        | -<br>3         | 1,460      | 12·92           |               |
| Extreme cruelty, . | 46          | { Males,<br>Fem., . . | 3<br>37             | -<br>6          | 1<br>36  | 1<br>1   | 1<br>6                                  | -<br>-                   | 1<br>8              | 2<br>14      | -<br>16       | -<br>3         | -<br>2         | 471        | 10·24           |               |
| Imprisonment, .    | 3           | Fem., . .             | 2                   | 1               | 3        | -        | -                                       | -                        | 1                   | -            | 1             | 1              | -              | 42         | 14·00           |               |
| Impotency, . .     | 1           | Fem., . .             | -                   | 1               | -        | 1        | -                                       | -                        | -                   | -            | -             | 1              | -              | 23         | 23·00           |               |

|                     |     |                    |           |           |          |           |        |         |        |        |        |          |          |          |        |       |       |
|---------------------|-----|--------------------|-----------|-----------|----------|-----------|--------|---------|--------|--------|--------|----------|----------|----------|--------|-------|-------|
| Intoxication, . . . | 37  | { Males,<br>Fem.,. | 7<br>30   | 4<br>29   | 3<br>1   | 7<br>27   | -<br>1 | -<br>2  | -<br>- | -<br>- | -<br>- | 2<br>8   | 5<br>12  | -<br>2   | -<br>- | 385   | 10.41 |
| Non-support, . . .  | 4   | { Fem.,.           | 4         | 4         | -        | 3         | 1      | -       | -      | -      | -      | 1        | 2        | -        | -      | 44    | 11.00 |
| Totals, . . .       | 262 | { Males,<br>Fem.,. | 85<br>177 | 70<br>163 | 15<br>14 | 72<br>157 | 5<br>4 | 8<br>16 | -<br>- | -<br>- | -<br>- | 13<br>30 | 28<br>60 | 11<br>27 | -<br>5 | 3,067 | 11.71 |

(Number of libels pending Jan. 1, 1899 (including all cases, whether decrees *nisi* had been entered or not), . . . . . 3  
 " " pending Jan. 1, 1899, in which decrees *nisi* had been entered at that date, . . . . . -  
 " " filed during the year 1899, . . . . . 2  
 " " in which decrees *nisi* were entered during the year 1899, . . . . . 3  
 Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally  
 disposed of during the year 1899, . . . . . -  
 Number of cases finally determined in 1899, . . . . . None.

NANTUCKET CO.,

# Divorces, 1899 — Continued.

(Number of libels pending Jan. 1, 1899 (including all cases, whether decrees nisi had been entered or not), . . . . . 119  
 " " pending Jan. 1, 1899, in which decrees nisi had been entered at that date, . . . . . 25  
 " " filed during the year 1899, . . . . . 54  
 " " in which decrees nisi were entered during the year 1899, . . . . . 36  
 Number of cases in which nisi decrees had been entered (whether pending January 1, or since entered), which were finally  
 disposed of during the year 1899, . . . . . 47  
 Number of cases finally determined in 1899, . . . . . 122

## NORFOLK CO.,

| CAUSES.                                   | LIBELLANTS. |                     | Not com-<br>tested. | Con-<br>tested. | DIVORCE. |          |   | NUMBER OF YEARS MARRIED. |                     |              |               |                |                |            | Aggre-<br>gate. | Aver-<br>age. |
|---|-------------|---------------------|---------------------|-----------------|----------|----------|---|--------------------------|---------------------|--------------|---------------|----------------|----------------|------------|-----------------|---------------|
|   | No.         | SEX.                |                     |                 | Granted. | Refused. | Discon-<br>tinued or<br>Dis-<br>missed. | Under<br>6<br>mos.       | Under<br>1<br>year. | 1<br>to<br>5 | 5<br>to<br>10 | 10<br>to<br>20 | 20<br>to<br>30 | Over<br>30 |                 |               |
| Adultery, . . . . .                       | 22          | { Males,<br>Fem., . | 10<br>12            | 7<br>8          | 3<br>4   | -<br>-   | 7<br>8                                  | -<br>-                   | -<br>-              | -<br>2       | 2             | 9<br>6         | 1<br>2         | -<br>-     | 268             | 12.18         |
| Cruel and abusive<br>treatment, . . . . . | 16          | { Males,<br>Fem., . | 3<br>13             | 1<br>8          | 2<br>5   | -<br>-   | 3<br>10                                 | -<br>-                   | -<br>-              | 1<br>4       | 5             | 1<br>2         | 1<br>2         | -<br>-     | 176             | 11.00         |
| Desertion, . . . . .                      | 60          | { Males,<br>Fem., . | 21<br>39            | 14<br>37        | 7<br>2   | -<br>-   | 16<br>14                                | -<br>-                   | -<br>-              | 1<br>3       | 5<br>10       | 8<br>19        | 3<br>7         | 4<br>-     | 876             | 14.60         |
| Extreme cruelty, . . . . .                | 7           | { Males,<br>Fem., . | 2<br>5              | 1<br>3          | 1<br>2   | -<br>-   | 2<br>4                                  | -<br>-                   | -<br>-              | -<br>-       | 1<br>3        | 1<br>1         | -<br>1         | -<br>-     | 79              | 11.29         |
| Intoxication, . . . . .                   | 11          | { Males,<br>Fem., . | 1<br>10             | 1<br>9          | -<br>1   | -<br>-   | -<br>8                                  | -<br>-                   | -<br>-              | -<br>1       | 4             | 1<br>1         | -<br>2         | -<br>2     | 162             | 14.73         |
| Non-support, . . . . .                    | 6           | Fem., .             | 6                   | 3               | 3        | -        | 5                                       | -                        | -                   | 2            | 1             | 2              | 1              | -          | 66              | 11.00         |
| Totals, . . . . .                         | 122         | { Males,<br>Fem., . | 37<br>85            | 24<br>68        | 13<br>17 | 9<br>36  | 28<br>49                                | -<br>-                   | -<br>-              | 1<br>12      | 8<br>25       | 19<br>31       | 5<br>15        | 4<br>2     | 1,627           | 13.84         |



## DIVORCES, 1899 — Continued.

(Number of libels pending Jan. 1, 1899 (including all cases, whether decrees nisi had been entered or not), . . . . . 664  
 " " pending Jan. 1, 1899, in which decrees nisi had been entered at that date, . . . . . 106  
 " " filed during the year 1899, . . . . . 511  
 " " in which decrees nisi were entered during the year 1899, . . . . . 321  
 Number of cases in which nisi decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1899, . . . . . 316  
 Number of cases finally determined in 1899, . . . . . 716)

## SUFFOLK CO.,

| CAUSES.                                   | LIBELLANTS. |                     | Not con-<br>tested. | Con-<br>tested. | DIVORCE. |          |   | NUMBER OF YEARS MARRIED. |                     |              |               |                |                |            |                 |               |  |
|---|-------------|---------------------|---------------------|-----------------|----------|----------|---|--------------------------|---------------------|--------------|---------------|----------------|----------------|------------|-----------------|---------------|--|
|   | No.         | SEX.                |                     |                 | Granted. | Refused. | Discon-<br>tinued or<br>Dis-<br>missed. | Under<br>6<br>mos.       | Under<br>1<br>year. | 1<br>to<br>5 | 5<br>to<br>10 | 10<br>to<br>20 | 20<br>to<br>30 | Over<br>30 | Aggre-<br>gate. | Aver-<br>age. |  |
|   |             |                     |                     |                 |          |          |   |                          |                     |              |               |                |                |            |                 |               |  |
| Adultery, . . . . .                       | 150         | { Males,<br>Fem., . | 77<br>73            | 72<br>72        | 5<br>1   | 27<br>35 | -<br>-                                  | 50<br>38                 | -<br>-              | 27<br>19     | 22<br>23      | 20<br>24       | 8<br>6         | -<br>1     | 1,379           | 9.19          |  |
| Cruel and abusive<br>treatment, . . . . . | 48          | { Males,<br>Fem., . | 2<br>46             | 2<br>43         | -<br>3   | -<br>44  | -<br>-                                  | 2<br>2                   | -<br>-              | 1<br>11      | -<br>19       | -<br>14        | 1<br>2         | -<br>-     | 436             | 9.08          |  |
| Desertion, . . . . .                      | 247         | { Males,<br>Fem., . | 104<br>143          | 102<br>141      | 2<br>2   | 44<br>87 | 1<br>-                                  | 59<br>56                 | -<br>-              | 12<br>11     | 36<br>46      | 35<br>64       | 17<br>16       | 4<br>6     | 3,098           | 12.54         |  |
| Extreme cruelty, . . . . .                | 92          | { Males,<br>Fem., . | 14<br>78            | 12<br>75        | 2<br>3   | -<br>7   | -<br>-                                  | 14<br>71                 | -<br>-              | 5<br>25      | 4<br>30       | 4<br>20        | 1<br>2         | -<br>1     | 716             | 7.78          |  |
| Imprisonment, . . . . .                   | 2           | Fem., .             | 2                   | 2               | -        | 2        | -                                       | -                        | -                   | 1            | -             | -              | -              | 1          | 34              | 17.00         |  |
| Impotency, . . . . .                      | 2           | Males,              | 2                   | 2               | -        | -        | -                                       | 2                        | -                   | 1            | 1             | -              | -              | -          | 8               | 4.00          |  |

|                      |     |                     |            |            |          |           |        |            |        |        |           |           |           |          |            |        |       |
|----------------------|-----|---------------------|------------|------------|----------|-----------|--------|------------|--------|--------|-----------|-----------|-----------|----------|------------|--------|-------|
| Intoxication, . .    | 106 | { Males,<br>Fem.,.. | 37<br>69   | 36<br>69   | 1<br>-   | 16<br>38  | -<br>- | 21<br>31   | -<br>- | -<br>- | 17<br>22  | 8<br>14   | 9<br>26   | 3<br>7   | - }<br>- } | 937    | 8.84  |
| Non-support, . .     | 24  | Fem.,..             | 24         | 22         | 2        | 11        | -      | 13         | -      | -      | 8         | 7         | 8         | 1        | -          | 207    | 8.63  |
| Nullity of marriage, | 17  | { Males,<br>Fem.,.. | 9<br>8     | 7<br>8     | 2<br>-   | 4<br>4    | -<br>- | 5<br>4     | -<br>1 | -<br>- | 8<br>3    | -<br>3    | 1<br>1    | -<br>-   | - }<br>- } | *62    | 3.88  |
| Totals,† . .         | 688 | { Males,<br>Fem.,.. | 245<br>443 | 233<br>432 | 12<br>11 | 91<br>228 | 1<br>- | 153<br>215 | -<br>1 | -<br>- | 71<br>100 | 71<br>142 | 69<br>157 | 30<br>34 | 4 }<br>9 } | †6,877 | 10.01 |

\* Aggregate and average of 16 cases.

† One case to Hampshire; 1 case to Middlesex; 13 probate appeals; 8 cases placed on file; 1 libel for affirmation; 1 petition for alimony; 1 petition for custody of child; 1 petition to revise.

‡ Aggregate and average of 687 cases.

# DIVORCES, 1899 — Concluded.

|  |     |
|--|-----|
| (Number of libels pending Jan. 1, 1899 (including all cases, whether decrees nisi had been entered or not), . . . . .  | 263 |
| " " pending Jan. 1, 1899, in which decrees nisi had been entered at that date, . . . . .   | 63  |
| " " filed during the year 1899, . . . . .  | 202 |
| " " in which decrees nisi were entered during the year 1899, . . . . .   | 121 |
| Number of cases in which nisi decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1899, . . . . . | 109 |
| Number of cases finally determined in 1899, . . . . .  | 128 |

## WORCESTER CO.,

| CAUSES.                                   | LIBELLANTS. |                     | Not con-<br>tested. | Con-<br>tested. | DIVORCE. |          |   | NUMBER OF YEARS MARRIED. |                     |              |               |                |                |            |                 |               |
|---|-------------|---------------------|---------------------|-----------------|----------|----------|---|--------------------------|---------------------|--------------|---------------|----------------|----------------|------------|-----------------|---------------|
|   | No.         | SEX.                |                     |                 | Granted. | Refused. | Discon-<br>tinued or<br>Dis-<br>missed. | Under<br>6<br>mos.       | Under<br>1<br>year. | 1<br>to<br>5 | 5<br>to<br>10 | 10<br>to<br>20 | 20<br>to<br>30 | Over<br>30 | Aggre-<br>gate. | Aver-<br>age. |
|   |             |                     |                     |                 |          |          |   |                          |                     |              |               |                |                |            |                 |               |
| Adultery, . . . . .                       | 26          | { Males,<br>Fem., . | 17<br>9             | 13<br>8         | 4<br>1   | 14<br>8  | -<br>-                                  | 3<br>1                   | -<br>-              | 4<br>3       | 3<br>4        | 7<br>2         | 3<br>-         | -<br>-     | 248             | 9.54          |
| Cruel and abusive<br>treatment, . . . . . | 19          | Fem., .             | 19                  | 14              | 5        | 16       | -                                       | 3                        | -                   | 4            | 4             | 9              | 1              | 1          | 222             | 11.68         |
| Desertion, . . . . .                      | 51          | { Males,<br>Fem., . | 18<br>33            | 17<br>30        | 1<br>3   | 15<br>32 | -<br>-                                  | 3<br>1                   | -<br>-              | 4<br>3       | 8<br>10       | 3<br>13        | 2<br>3         | 1<br>4     | 665             | 13.04         |
| Extreme cruelty, . . . . .                | 3           | Fem., .             | 3                   | 2               | 1        | 2        | -                                       | 1                        | -                   | 1            | 1             | -              | 1              | -          | 30              | 10.00         |
| Intoxication, . . . . .                   | 25          | { Males,<br>Fem., . | 5<br>20             | 3<br>20         | 2<br>-   | 3<br>18  | -<br>-                                  | 2<br>2                   | -<br>-              | 1<br>2       | 1<br>9        | 3<br>7         | -<br>2         | -<br>-     | 262             | 10.48         |
| Non-support, . . . . .                    | 4           | Fem., .             | 4                   | 4               | -        | 3        | -                                       | 1                        | -                   | 1            | 2             | -              | 1              | -          | 45              | 11.25         |
| Totals, . . . . .                         | 128         | { Males,<br>Fem., . | 40<br>88            | 33<br>78        | 7<br>10  | 32<br>79 | -<br>-                                  | 8<br>9                   | -<br>-              | 9<br>14      | 12<br>30      | 13<br>31       | 5<br>8         | 1<br>5     | 1,472           | 11.50         |



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**MEDICAL EXAMINERS' RETURNS.**

**1899.**

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## MEDICAL EXAMINERS' RETURNS.

TABLE I.—BY STATE AND COUNTIES.

*Exhibiting the Number of Deaths from Accident or Negligence, Suicide, Homicide, and Other Causes in Each County, which have been Investigated during the Year 1899, under the Medical Examiner Laws.*

|                                | Percentage. | State. | Barnstable. | Berkshire. | Bristol. | Dukes. | Essex. | Franklin. | Hampden. | Hampshire. | Middlesex. | Nantucket. | Norfolk. | Plymouth. | Suffolk. | Worcester. |
|--------------------------------|-------------|--------|-------------|------------|----------|--------|--------|-----------|----------|------------|------------|------------|----------|-----------|----------|------------|
| Number of deaths investigated, | 100·00      | 2,449  | 27          | 68         | 244      | 8      | 298    | 33        | 181      | 49         | 426        | —          | 116      | 73        | 625      | 301        |
| <b>HOMICIDE.</b>               |             |        |             |            |          |        |        |           |          |            |            |            |          |           |          |            |
| Totals,                        | 2·33        | 57     | 3           | 1          | 3        | —      | 3      | —         | 2        | 1          | 8          | —          | 1        | 1         | 21       | 13         |
| Abortion,                      | —           | 12     | 1           | —          | —        | —      | 2      | —         | 1        | —          | 3          | —          | —        | —         | 4        | 1          |
| Infanticide,                   | —           | 1      | —           | —          | —        | —      | —      | —         | —        | —          | —          | —          | —        | —         | —        | 1          |
| <b>Weapons.</b>                |             |        |             |            |          |        |        |           |          |            |            |            |          |           |          |            |
| Fire-arms,                     | —           | 31     | 2           | —          | 2        | —      | 1      | —         | 1        | 1          | 3          | —          | —        | 1         | 9        | 11         |
| Stabbing,                      | —           | —      | —           | —          | —        | —      | —      | —         | —        | —          | —          | —          | —        | —         | —        | —          |
| <i>Other methods,</i>          | —           | 13     | —           | 1          | 1        | —      | —      | —         | —        | —          | 2          | —          | 1        | —         | 8        | —          |
| <b>SUICIDE.</b>                |             |        |             |            |          |        |        |           |          |            |            |            |          |           |          |            |
| Totals,                        | 13·03       | 319    | 5           | 11         | 11       | 1      | 51     | 1         | 20       | 4          | 38         | —          | 14       | 10        | 117      | 36         |



TABLE I. — Concluded.

|                                       | Percentage. | State. | Barnstable. | Berkshire. | Bristol. | Dukes. | Essex. | Franklin. | Hampden. | Hampshire. | Middlesex. | Nantucket. | Norfolk. | Plymouth. | Suffolk. | Worcester. |
|---------------------------------------|-------------|--------|-------------|------------|----------|--------|--------|-----------|----------|------------|------------|------------|----------|-----------|----------|------------|
| CAUSES NOT DUE TO VIOLENCE.           |             |        |             |            |          |        |        |           |          |            |            |            |          |           |          |            |
| <i>Alcoholism,</i>                    | 3.80        | 93     | 1           | 4          | 9        | —      | 19     | —         | 8        | 2          | 8          | —          | 6        | 3         | 21       | 12         |
| <i>Natural causes,</i>                | 36.99       | 906    | 11          | 16         | 142      | 3      | 105    | 18        | 92       | 14         | 176        | —          | 41       | 19        | 160      | 109        |
| <i>Causes unknown or ill-defined,</i> | 2.98        | 73     | 1           | 1          | 9        | —      | 17     | 1         | —        | 6          | 30         | —          | 1        | 1         | 3        | 3          |
| —                                     |             |        |             |            |          |        |        |           |          |            |            |            |          |           |          |            |
| AUTOPSIES,                            | —           | 268    | 2           | 5          | 12       | —      | 18     | 2         | 19       | 2          | 33         | —          | 5        | 8         | 130      | 32         |

TABLE II.—CAUSES OF DEATHS (*investigated by the Medical Examiners*).

## CLASSIFIED ARRANGEMENT,

*Distinguishing by Months, by Age, and by Sex, the Number of Deaths and Causes of the Same, as returned by the Medical Examiners, for the Year*

1899.

[Still-born included.]

| DEATHS.    |           | MONTHS.  |           |        |        |      |       |       |         |            |          |           |           | AGES.         |                   |               |         |          |          |          |          |          |          |          |          |         |          |
|------------|-----------|----------|-----------|--------|--------|------|-------|-------|---------|------------|----------|-----------|-----------|---------------|-------------------|---------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| SEX.       | Totals.   | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Under 1 week. | 1 week to 1 year. | 1 to 5 years. | 5 to 10 | 10 to 15 | 15 to 20 | 20 to 30 | 30 to 40 | 40 to 50 | 50 to 60 | 60 to 70 | 70 to 80 | Over 80 | Unknown. |
|            |           |          |           |        |        |      |       |       |         |            |          |           |           |               |                   |               |         |          |          |          |          |          |          |          |          |         |          |
| Persons, . | . . . . . | 216      | 183       | 176    | 176    | 203  | 206   | 200   | 209     | 221        | 206      | 209       | 244       | 105           | 118               | 82            | 77      | 46       | 90       | 298      | 386      | 315      | 337      | 272      | 178      | 87      | 58       |
| Males, .   | . . . . . | 163      | 123       | 128    | 126    | 162  | 158   | 161   | 157     | 160        | 135      | 145       | 180       | 50            | 53                | 55            | 64      | 39       | 67       | 243      | 313      | 252      | 245      | 193      | 115      | 55      | 44       |
| Females, . | . . . . . | 53       | 60        | 48     | 50     | 51   | 48    | 39    | 52      | 61         | 71       | 64        | 64        | 58            | 65                | 27            | 13      | 7        | 23       | 55       | 73       | 63       | 92       | 79       | 63       | 32      | 11       |

TABLE II. — Continued.

| CAUSES OF DEATH.                                | DEATHS.       |         | MONTHS.  |           |        |        |      |       |       |         |            |          |           |           | AGES.         |         |             |         |          |          |          |          |          |          |          |          |         |          |
|---|---------------|---------|----------|-----------|--------|--------|------|-------|-------|---------|------------|----------|-----------|-----------|---------------|---------|-------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
|   | SEX.          | Totals. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Under 1 week. | 1 year. | 1 to 5 yrs. | 5 to 10 | 10 to 15 | 15 to 20 | 20 to 30 | 30 to 40 | 40 to 50 | 50 to 60 | 60 to 70 | 70 to 80 | Over 80 | Unknown. |
|   |               |         |          |           |        |        |      |       |       |         |            |          |           |           |               |         |             |         |          |          |          |          |          |          |          |          |         |          |
| DEATHS FROM VIOLENCE.                           |               |         |          |           |        |        |      |       |       |         |            |          |           |           |               |         |             |         |          |          |          |          |          |          |          |          |         |          |
| CRIMINAL VIOLENCE.                              |               |         |          |           |        |        |      |       |       |         |            |          |           |           |               |         |             |         |          |          |          |          |          |          |          |          |         |          |
| I. HOMICIDE,                                    | { Totals, . . | 57      | -        | -         | 3      | 2      | 1    | 1     | 1     | 4       | 6          | 1        | 3         | 3         | -             | -       | -           | -       | 2        | 5        | 9        | 3        | 2        | 2        | 1        | 2        | 2       | 2        |
|   | { Males, . .  | 26      | -        | -         | 3      | 2      | 1    | 1     | 1     | 3       | 5          | 1        | 3         | 3         | -             | -       | -           | -       | 2        | 5        | 9        | 3        | 2        | 2        | 1        | 2        | 2       | 2        |
|   | { Fem., . .   | 31      | 3        | 1         | 2      | 2      | 3    | 2     | 3     | 1       | 1          | 7        | 5         | 1         | -             | 2       | -           | -       | 1        | 11       | 8        | 2        | 2        | 2        | 1        | 2        | 2       | -        |
| By weapons.                                     | { Totals, . . | 31      | -        | -         | 3      | 2      | 1    | 1     | 1     | 4       | 3          | 1        | 1         | 2         | -             | -       | -           | -       | 2        | 3        | 7        | 2        | 2        | 2        | 1        | 1        | 2       | 1        |
| — Shooting,                                     | { Males, . .  | 20      | -        | -         | 3      | 2      | 1    | 1     | 1     | 4       | 3          | 1        | 1         | 2         | -             | -       | -           | -       | 2        | 3        | 7        | 2        | 2        | 2        | 1        | 1        | 2       | 1        |
|   | { Fem., . .   | 11      | 1        | -         | 2      | 1      | 2    | 2     | 2     | 1       | 1          | 1        | 1         | -         | -             | 1       | -           | -       | 1        | 1        | 2        | 2        | 2        | 1        | 1        | 1        | 1       | -        |
| — Other wounds: incised, crushing or otherwise, | Males, . .    | 1       | -        | -         | -      | -      | -    | -     | -     | -       | -          | -        | 1         | -         | -             | -       | -           | -       | -        | -        | 1        | -        | -        | -        | -        | -        | -       | -        |
| By falls and blows,                             | { Totals, . . | 9       | -        | -         | -      | -      | -    | -     | -     | -       | -          | -        | 1         | 1         | -             | -       | -           | -       | -        | 1        | 2        | 1        | -        | -        | -        | -        | -       | -        |
|   | { Males, . .  | 4       | -        | -         | -      | -      | -    | -     | -     | -       | -          | -        | 1         | 1         | -             | -       | -           | -       | -        | 1        | 2        | 1        | -        | -        | -        | -        | -       | -        |
|   | { Fem., . .   | 5       | 1        | -         | -      | -      | -    | -     | -     | -       | -          | -        | 4         | -         | -             | -       | -           | -       | -        | -        | 4        | 1        | -        | -        | -        | -        | -       | -        |
| By smothering and strangulation,                | Fem., . .     | 3       | -        | -         | -      | -      | 1    | -     | 1     | 1       | 1          | 1        | -         | -         | -             | 1       | -           | -       | -        | -        | -        | 1        | -        | -        | 1        | -        | -       | -        |
| Abortion,                                       | Fem., . .     | 12      | 1        | 1         | -      | 2      | 1    | 1     | 1     | -       | -          | 1        | 4         | 1         | -             | -       | -           | -       | 1        | 9        | 2        | -        | -        | -        | -        | -        | -       | -        |
| Infanticide,                                    | Males, . .    | 1       | -        | -         | -      | -      | -    | -     | -     | -       | 1          | -        | -         | -         | -             | -       | -           | -       | -        | -        | -        | -        | -        | -        | -        | -        | 1       | -        |
| VIOLENCE (NOT CRIMINAL).                        |               |         |          |           |        |        |      |       |       |         |            |          |           |           |               |         |             |         |          |          |          |          |          |          |          |          |         |          |
| II. SUICIDE,                                    | { Totals, . . | 319     | -        | 24        | 28     | 22     | 20   | 31    | 20    | 19      | 18         | 19       | 9         | -         | -             | -       | -           | -       | -        | 1        | 39       | 52       | 45       | 52       | 33       | 16       | 5       | 2        |
|   | { Males, . .  | 245     | 20       | 15        | 24     | 28     | 22   | 20    | 31    | 20      | 19         | 18       | 19        | 9         | -             | -       | -           | -       | -        | 4        | 18       | 15       | 10       | 10       | 9        | 5        | 1       | 1        |
|   | { Fem., . .   | 74      | 5        | 8         | 7      | 3      | 7    | 6     | 7     | 4       | 4          | 10       | 6         | 7         | -             | -       | -           | -       | 1        | 4        | 18       | 15       | 10       | 10       | 9        | 5        | 1       | 1        |
| By weapons.                                     | { Totals, . . | 80      | -        | -         | -      | -      | -    | -     | -     | -       | -          | -        | -         | -         | -             | -       | -           | -       | -        | -        | -        | -        | -        | -        | -        | -        | -       | -        |
| — Fire-arms,                                    | { Males, . .  | 75      | 7        | 7         | 6      | 10     | 9    | 3     | 3     | 5       | 10         | 3        | 7         | 5         | -             | -       | -           | -       | -        | 1        | 11       | 13       | 16       | 17       | 12       | 5        | -       | -        |
|   | { Fem., . .   | 5       | -        | 1         | -      | -      | -    | 2     | -     | -       | -          | 2        | -         | -         | -             | -       | -           | -       | -        | -        | 3        | -        | -        | -        | -        | -        | -       | -        |



TABLE II. — Continued.

| CAUSES OF DEATH.                                | DEATHS.           |             | MONTHS.  |           |        |        |      |       |       |         |            |          |           |           | AGES.         |                   |             |          |           |           |           |           |           |           |           |           |          |          |   |  |
|---|-------------------|-------------|----------|-----------|--------|--------|------|-------|-------|---------|------------|----------|-----------|-----------|---------------|-------------------|-------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|---|--|
|   | SEX.              | Totals.     | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Under 1 week. | 1 week to 1 year. | 1 to 5 yrs. | 5 to 10. | 10 to 15. | 15 to 20. | 20 to 30. | 30 to 40. | 40 to 50. | 50 to 60. | 60 to 70. | 70 to 80. | Over 80. | Unknown. |   |  |
|   |                   |             |          |           |        |        |      |       |       |         |            |          |           |           |               |                   |             |          |           |           |           |           |           |           |           |           |          |          |   |  |
| III. ACCIDENT OR NEGLIGENCE,<br><i>Weapons.</i> | { Totals, .       | 1,001       | 73       | 47        | 46     | 55     | 65   | 83    | 86    | 96      | 86         | 69       | 64        | 87        | 18            | 3                 | 46          | 54       | 32        | 57        | 159       | 184       | 116       | 81        | 52        | 23        | 8        | 24       | 1 |  |
|   | { Males, .        | 857         | 6        | 12        | 10     | 16     | 16   | 11    | 4     | 8       | 17         | 18       | 15        | 11        | 18            | 6                 | 14          | 10       | -         | 10        | 8         | 15        | 16        | 17        | 14        | 13        | 2        | 1        |   |  |
|   | { Fem., .         | 144         | -        | -         | -      | -      | -    | -     | -     | -       | -          | -        | -         | -         | -             | -                 | -           | -        | -         | -         | -         | -         | -         | -         | -         | -         | -        | -        |   |  |
|   | { Totals, .       | 14          | 2        | 1         | 2      | -      | -    | -     | -     | -       | -          | 1        | 1         | 3         | 1             | -                 | -           | 1        | 1         | 4         | 2         | 2         | 2         | 1         | -         | -         | -        | -        |   |  |
|   | { Males, .        | 13          | -        | -         | -      | -      | -    | -     | -     | -       | -          | -        | -         | -         | -             | -                 | -           | -        | -         | -         | -         | -         | -         | -         | -         | -         | -        | -        |   |  |
|   | { Fem., .         | 1           | -        | -         | -      | -      | -    | -     | -     | -       | -          | -        | -         | -         | -             | -                 | -           | -        | -         | -         | -         | -         | -         | -         | -         | -         | -        | -        |   |  |
|   | <i>Machinery.</i> | { Totals, . | 20       | -         | -      | -      | -    | -     | -     | -       | -          | -        | -         | -         | -             | -                 | -           | -        | -         | -         | -         | -         | -         | -         | -         | -         | -        | -        | - |  |
|   |                   | { Males, .  | 19       | 2         | 1      | 1      | 1    | 1     | 1     | 2       | 2          | 4        | 2         | 1         | 2             | -                 | -           | -        | 2         | 1         | 2         | 6         | 4         | 1         | -         | 3         | -        | -        | - |  |
|   |                   | { Fem., .   | 1        | -         | -      | -      | -    | -     | -     | -       | -          | -        | -         | -         | -             | -                 | -           | -        | -         | -         | -         | -         | -         | -         | -         | -         | -        | -        | - |  |
|   |                   | { Males, .  | 7        | 1         | 1      | 1      | 1    | 1     | 1     | -       | -          | 1        | -         | 2         | -             | -                 | -           | -        | -         | 1         | 2         | -         | 1         | 1         | 1         | 1         | 1        | -        | - |  |
| <i>Public travel.</i>                           | { Totals, .       | 250         | 20       | 10        | 13     | 20     | 16   | 21    | 17    | 28      | 30         | 16       | 24        | 23        | -             | -                 | -           | 7        | 5         | 18        | 54        | 69        | 37        | 26        | 9         | 6         | 1        | 6        | 1 |  |
|   | { Males, .        | 238         | -        | -         | -      | -      | -    | -     | -     | -       | -          | -        | -         | -         | -             | -                 | -           | -        | -         | -         | -         | -         | -         | -         | -         | -         | -        | -        |   |  |
|   | { Fem., .         | 12          | 1        | 1         | -      | 2      | 4    | -     | 1     | -       | 1          | -        | 1         | 2         | -             | -                 | 2           | -        | 1         | 1         | -         | 2         | 2         | -         | 2         | 2         | 1        | 1        |   |  |
|   | { Totals, .       | 32          | 2        | 3         | -      | 2      | 1    | 1     | 2     | 6       | 3          | 3        | 3         | 2         | -             | -                 | -           | -        | -         | -         | -         | 4         | 5         | 7         | 2         | 3         | -        | 2        |   |  |
|   | { Males, .        | 28          | -        | -         | -      | -      | -    | -     | -     | -       | -          | -        | -         | -         | -             | -                 | -           | -        | -         | -         | -         | -         | -         | -         | -         | -         | -        | -        |   |  |
|   | { Fem., .         | 4           | -        | -         | 1      | 1      | 1    | 1     | -     | 1       | -          | 1        | -         | -         | -             | -                 | -           | 1        | 4         | -         | -         | 1         | -         | 1         | 1         | -         | -        | -        |   |  |
|   | { Totals, .       | 34          | 2        | 1         | -      | 4      | 1    | 4     | 1     | 3       | 4          | 5        | -         | 4         | -             | -                 | -           | 7        | 2         | -         | -         | 2         | 5         | 4         | 4         | -         | 1        | -        |   |  |
|   | { Males, .        | 29          | -        | -         | -      | 1      | 1    | 1     | -     | 2       | -          | -        | -         | -         | -             | -                 | -           | 1        | 1         | -         | -         | 1         | -         | -         | 1         | -         | -        | -        |   |  |
|   | { Fem., .         | 5           | -        | -         | -      | -      | -    | -     | -     | -       | -          | -        | -         | -         | -             | -                 | -           | -        | -         | -         | -         | -         | -         | -         | -         | -         | -        | -        |   |  |
|   | { Males, .        | 2           | -        | -         | -      | 1      | 1    | -     | -     | -       | -          | -        | -         | -         | -             | -                 | -           | -        | -         | -         | 2         | -         | -         | -         | -         | -         | -        | -        |   |  |
| <i>Burns, scalds and explosions.</i>            | { Totals, .       | 86          | 4        | 5         | 2      | 3      | 4    | -     | 3     | 1       | 2          | 8        | 6         | 6         | -             | -                 | 1           | 11       | 2         | 2         | -         | 5         | 2         | 9         | 5         | -         | 3        | 2        |   |  |
|   | { Males, .        | 44          | 4        | 2         | 3      | 4      | -    | 3     | 1     | 2       | 9          | 4        | 3         | 2         | -             | -                 | 2           | 4        | 5         | -         | 3         | 1         | 6         | 4         | 7         | -         | 2        | 1        |   |  |
|   | { Fem., .         | 42          | 2        | 2         | 4      | 5      | 4    | 3     | 2     | 2       | 9          | 4        | 3         | 2         | -             | -                 | 2           | 4        | 5         | -         | 3         | 1         | 6         | 4         | 7         | -         | 1        | -        |   |  |
|   | { Males, .        | 42          | 2        | 2         | 4      | 5      | 4    | 3     | 2     | 2       | 9          | 4        | 3         | 2         | -             | -                 | 2           | 4        | 5         | -         | 3         | 1         | 6         | 4         | 7         | -         | 1        | -        |   |  |









TABLE II. — Concluded.

| CAUSES OF DEATH.                               | DEATHS. |  | MONTHS.  |           |        |        |      |       |       |         |            |          |           |           | AGES.         |                   |             |         |          |          |          |          |          |          |          |          |         |          |
|--|---------|--|----------|-----------|--------|--------|------|-------|-------|---------|------------|----------|-----------|-----------|---------------|-------------------|-------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
|  | SEX.    | Totals.  |          |           |        |        |      |       |       |         |            |          |           |           |               |                   |             |         |          |          |          |          |          |          |          |          |         |          |
|  |         |  | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Under 1 week. | 1 week to 1 year. | 1 to 5 yrs. | 5 to 10 | 10 to 15 | 15 to 20 | 20 to 30 | 30 to 40 | 40 to 50 | 50 to 60 | 60 to 70 | 70 to 80 | Over 80 | Unknown. |
| IV. CAUSES NOT DUE TO VIOLENCE—Con.            |         |  |          |           |        |        |      |       |       |         |            |          |           |           |               |                   |             |         |          |          |          |          |          |          |          |          |         |          |
| 5. <i>Urinary organs</i> —Con.                 |         |  |          |           |        |        |      |       |       |         |            |          |           |           |               |                   |             |         |          |          |          |          |          |          |          |          |         |          |
| —Other diseases of urinary organs, . . .       |         | { Totals, . . .<br>Males, . . .<br>Fem., . . . | 2        | 1         | 1      | 1      | 2    | 1     | 1     | 1       | 1          | 2        | 1         | 1         | 1             | 1                 | 1           | 1       | 1        | 1        | 1        | 1        | 1        | 2        | 2        | 1        | 1       | 1        |
| <i>Developmental diseases.</i>                 |         |  |          |           |        |        |      |       |       |         |            |          |           |           |               |                   |             |         |          |          |          |          |          |          |          |          |         |          |
| 1. <i>Of children.</i>                         |         |  |          |           |        |        |      |       |       |         |            |          |           |           |               |                   |             |         |          |          |          |          |          |          |          |          |         |          |
| —Still-birth, . . . . .                        |         | { Totals, . . .<br>Males, . . .<br>Fem., . . . | 3        | 2         | 5      | 2      | 6    | 1     | 3     | 1       | 2          | 1        | 2         | 1         | 2             | 17                | 1           | 1       | 1        | 1        | 1        | 1        | 1        | 2        | 2        | 1        | 1       | 1        |
| —Premature birth, . . . . .                    |         | { Totals, . . .<br>Males, . . .<br>Fem., . . . | 1        | 2         | 1      | 1      | 2    | 3     | 1     | 1       | 1          | 2        | 1         | 1         | 2             | 6                 | 5           | 1       | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1       | 1        |
| —Other developmental diseases of children, . . |         | { Totals, . . .<br>Males, . . .<br>Fem., . . . | 1        | 2         | 1      | 1      | 1    | 1     | 1     | 1       | 1          | 3        | 1         | 1         | 4             | 5                 | 4           | 1       | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1       | 1        |
| 2. <i>Of adults.</i>                           |         |  |          |           |        |        |      |       |       |         |            |          |           |           |               |                   |             |         |          |          |          |          |          |          |          |          |         |          |
| —Childbirth, . . . . .                         |         | { Totals, . . .<br>Males, . . .<br>Fem., . . . | 1        | 1         | 1      | 1      | 1    | 1     | 1     | 1       | 1          | 1        | 1         | 1         | 1             | 3                 | 6           | 1       | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1       | 1        |
| —Other developmental diseases of adults, . .   |         | { Totals, . . .<br>Males, . . .<br>Fem., . . . | 1        | 1         | 1      | 1      | 1    | 1     | 1     | 1       | 1          | 1        | 1         | 1         | 1             | 1                 | 1           | 2       | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1       | 1        |
| 3. <i>Of the aged.</i>                         |         |  |          |           |        |        |      |       |       |         |            |          |           |           |               |                   |             |         |          |          |          |          |          |          |          |          |         |          |
| —Old age, . . . . .                            |         | { Totals, . . .<br>Males, . . .<br>Fem., . . . | 1        | 3         | 1      | 1      | 2    | 1     | 2     | 1       | 1          | 1        | 1         | 1         | 3             | 1                 | 1           | 1       | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 4        | 8       | 9        |
| UNKNOWN OR ILL-DEFINED CAUSES, . . . .         |         | { Totals, . . .<br>Males, . . .<br>Fem., . . . | 6        | 2         | 8      | 2      | 7    | 3     | 3     | 1       | 2          | 3        | 4         | 3         | 4             | 4                 | 3           | 1       | 1        | 1        | 1        | 2        | 3        | 6        | 4        | 2        | 1       | 1        |

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# EDITORIAL OBSERVATIONS

BY

FRANCIS A. HARRIS, M.D.

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# FIFTY-EIGHTH REGISTRATION REPORT.

(1899.)

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The following observations upon the statistics of the Births, Marriages and Deaths registered in Massachusetts in the year 1899, together with some comments upon the statistics of Divorce and the Returns of the Medical Examiners, are intended to set forth the principal points of interest derived from a study of the figures and to furnish some comparisons between the statistics of the year 1899 and those of other years, and to render these statistics "of practical utility" within the meaning of the statute providing for the preparation of this report.

The plan pursued in this report is the same as that of the reports since 1890 in the matter of condensation and the avoidance of apparently superfluous repetition of the same matter.

Many tables published in the report for 1895 whose value is dependent upon an accurate knowledge of the number of the population, a knowledge only to be had in census years, are omitted in the report for 1899.

The editor is indebted to the work of Professor Richmond Mayo-Smith of Columbia College on Statistics and Sociology for the statistics as to births, marriages and deaths in many foreign countries which are presented in tables under their appropriate heads and which give the average rates for the period of twenty years 1871-1890 and the rates for the years 1891, 1892, 1893.

The number of births returned by the Registration Officers of Massachusetts for the year 1899 was 70,457. The number of marriages was 23,523 and of deaths 47,710, or 2,653 less births, 1,381 more marriages and 949 more deaths than were recorded in 1898.

The aggregate registration including 2,649 still-births was 144,339 which was 402 less than that of 1898.

The excess of living births over deaths was 22,747. This was less by 3,602 than the excess in 1898, but was greater than that of any other year since the beginning of registration except 1896, 1897 and 1898.

TABLE 1. — *Births, Marriages and Deaths, with the Population and Rates for Census Years 1851-1899.*

| YEARS.    | Population. | Births. | Marriages. | Deaths. | Excess of Births over Deaths. | Births to 1,000 Persons. | Persons Married to 1,000. | Deaths to 1,000 Persons. | Excess Rate of Births over Deaths. |
|-----------|-------------|---------|------------|---------|-------------------------------|--------------------------|---------------------------|--------------------------|------------------------------------|
| 1851, . . | 1,022,084   | 28,661  | 11,966     | 18,934  | 9,727                         | -                        | -                         | -                        | -                                  |
| 1852, . . | 1,049,654   | 29,802  | 11,578     | 18,482  | 11,320                        | -                        | -                         | -                        | -                                  |
| 1853, . . | 1,077,224   | 30,920  | 12,828     | 20,301  | 10,619                        | -                        | -                         | -                        | -                                  |
| 1854, . . | 1,104,794   | 31,997  | 13,683     | 21,414  | 10,583                        | -                        | -                         | -                        | -                                  |
| 1855, . . | 1,132,364   | 32,845  | 12,329     | 20,798  | 12,047                        | 29.01                    | 21.77                     | 18.37                    | 10.64                              |
| 1856, . . | 1,152,105   | 34,445  | 12,265     | 20,734  | 13,711                        | -                        | -                         | -                        | -                                  |
| 1857, . . | 1,171,846   | 35,320  | 11,739     | 21,280  | 14,040                        | -                        | -                         | -                        | -                                  |
| 1858, . . | 1,191,586   | 34,491  | 10,527     | 20,776  | 13,715                        | -                        | -                         | -                        | -                                  |
| 1859, . . | 1,211,327   | 35,442  | 11,475     | 20,976  | 14,466                        | -                        | -                         | -                        | -                                  |
| 1860, . . | 1,231,067   | 36,051  | 12,404     | 23,068  | 12,983                        | 29.28                    | 20.15                     | 18.74                    | 10.54                              |
| 1861, . . | 1,238,260   | 35,445  | 10,972     | 24,085  | 11,360                        | -                        | -                         | -                        | -                                  |
| 1862, . . | 1,245,453   | 32,275  | 11,014     | 22,974  | 9,801                         | -                        | -                         | -                        | -                                  |
| 1863, . . | 1,252,646   | 30,314  | 10,873     | 27,751  | 2,563                         | -                        | -                         | -                        | -                                  |
| 1864, . . | 1,259,839   | 30,449  | 12,513     | 28,753  | 1,696                         | -                        | -                         | -                        | -                                  |
| 1865, . . | 1,267,031   | 30,249  | 13,051     | 26,152  | 4,097                         | 23.87                    | 20.60                     | 20.64                    | 3.23                               |
| 1866, . . | 1,305,095   | 34,085  | 14,428     | 23,637  | 10,448                        | -                        | -                         | -                        | -                                  |
| 1867, . . | 1,343,159   | 35,062  | 14,451     | 22,773  | 12,289                        | -                        | -                         | -                        | -                                  |
| 1868, . . | 1,381,223   | 36,193  | 13,856     | 25,603  | 10,590                        | -                        | -                         | -                        | -                                  |
| 1869, . . | 1,419,287   | 36,141  | 14,826     | 26,054  | 10,087                        | -                        | -                         | -                        | -                                  |
| 1870, . . | 1,457,351   | 38,259  | 14,721     | 27,329  | 10,930                        | 26.25                    | 20.20                     | 18.75                    | 7.50                               |
| 1871, . . | 1,496,263   | 39,791  | 15,746     | 27,943  | 11,848                        | -                        | -                         | -                        | -                                  |
| 1872, . . | 1,535,175   | 43,235  | 16,142     | 35,019  | 8,216                         | -                        | -                         | -                        | -                                  |
| 1873, . . | 1,574,087   | 44,481  | 16,437     | 33,912  | 10,569                        | -                        | -                         | -                        | -                                  |
| 1874, . . | 1,612,999   | 45,631  | 15,564     | 31,887  | 13,744                        | -                        | -                         | -                        | -                                  |
| 1875, . . | 1,651,912   | 43,996  | 13,663     | 34,978  | 9,018                         | 26.63                    | 16.54                     | 21.17                    | 5.46                               |
| 1876, . . | 1,678,147   | 42,149  | 12,749     | 33,186  | 8,963                         | -                        | -                         | -                        | -                                  |
| 1877, . . | 1,704,382   | 41,850  | 12,758     | 31,342  | 10,508                        | -                        | -                         | -                        | -                                  |
| 1878, . . | 1,730,616   | 41,238  | 12,893     | 31,303  | 9,935                         | -                        | -                         | -                        | -                                  |
| 1879, . . | 1,756,851   | 40,295  | 13,802     | 31,801  | 8,494                         | -                        | -                         | -                        | -                                  |
| 1880, . . | 1,783,085   | 44,217  | 15,538     | 35,292  | 8,925                         | 24.80                    | 17.42                     | 19.79                    | 5.01                               |
| 1881, . . | 1,814,896   | 45,220  | 16,768     | 36,458  | 8,762                         | -                        | -                         | -                        | -                                  |
| 1882, . . | 1,846,707   | 45,670  | 17,684     | 36,785  | 8,885                         | -                        | -                         | -                        | -                                  |
| 1883, . . | 1,878,518   | 47,285  | 18,194     | 37,748  | 9,537                         | -                        | -                         | -                        | -                                  |
| 1884, . . | 1,910,329   | 48,615  | 17,333     | 36,990  | 11,625                        | -                        | -                         | -                        | -                                  |
| 1885, . . | 1,942,141   | 48,790  | 17,052     | 38,094  | 10,696                        | 25.12                    | 17.56                     | 19.61                    | 5.51                               |
| 1886, . . | 2,001,501   | 50,788  | 18,018     | 37,244  | 13,544                        | -                        | -                         | -                        | -                                  |
| 1887, . . | 2,060,861   | 53,174  | 19,533     | 40,763  | 12,411                        | -                        | -                         | -                        | -                                  |
| 1888, . . | 2,120,221   | 54,893  | 19,739     | 42,097  | 12,796                        | -                        | -                         | -                        | -                                  |
| 1889, . . | 2,179,582   | 57,075  | 20,397     | 41,777  | 15,298                        | -                        | -                         | -                        | -                                  |
| 1890, . . | 2,238,943   | 57,777  | 20,838     | 43,528  | 14,249                        | 25.81                    | 18.62                     | 19.44                    | 6.37                               |
| 1891, . . | 2,288,911   | 63,004  | 21,675     | 45,185  | 17,819                        | -                        | -                         | -                        | -                                  |
| 1892, . . | 2,339,994   | 65,824  | 22,507     | 48,762  | 17,067                        | -                        | -                         | -                        | -                                  |
| 1893, . . | 2,392,217   | 67,192  | 22,814     | 49,084  | 18,108                        | -                        | -                         | -                        | -                                  |
| 1894, . . | 2,445,605   | 66,936  | 20,619     | 46,791  | 20,145                        | -                        | -                         | -                        | -                                  |
| 1895, . . | 2,500,183   | 67,545  | 23,102     | 47,540  | 20,005                        | 27.02                    | 18.48                     | 19.01                    | 8.00                               |
| 1896, . . | 2,555,987   | 72,343  | 23,651     | 49,381  | 22,962                        | -                        | -                         | -                        | -                                  |
| 1897, . . | 2,613,036   | 73,205  | 23,038     | 47,419  | 25,786                        | -                        | -                         | -                        | -                                  |
| 1898, . . | 2,671,359   | 73,110  | 22,142     | 46,761  | 26,349                        | -                        | -                         | -                        | -                                  |
| 1899, . . | 2,730,983   | 70,457  | 23,523     | 47,710  | 22,747                        | -                        | -                         | -                        | -                                  |



The ratios to the population for 1899 were as follows, as calculated upon the estimated number of the population in 1899, namely, 2,730,983. This estimate is based on the geometric increase between the census years of 1890-1895.

Birth-rate 25.80 to 1,000 of the population; marriage rate (marriages), 8.60; persons married, 17.20; death-rate, 17.47; excess of births over deaths, 8.33.

The same data also indicate a daily average of 193 births, 64 marriages and 131 deaths during the year 1899.

In table 1 are presented the population, the number of births, marriages and deaths, the excess of births over deaths, the birth, marriage and death rates, and the natural rate of increase of the population for a period of forty-eight years. The rates are calculated only for the census years.

Table 2 presents the number of the population of Massachusetts with the total increase by periods of five years as compared with previous census years compiled from Provincial, United States and State Census Reports.

TABLE 2. — *Population of Massachusetts showing Increase as compared with Previous Census Years (1765-1895), compiled from Provincial, United States and State Census Reports.\**

| YEARS.                  | Population. | Increase (+) or<br>Decrease (—) as com-<br>pared with<br>Previous Census. |
|-------------------------|-------------|---|
| 1765 (Prov.), . . . . . | 239,764     | —   |
| 1776 (Prov.), . . . . . | 299,841     | + 60,077  |
| 1790 (U. S.), . . . . . | 378,787     | + 78,946  |
| 1800 (U. S.), . . . . . | 422,845     | + 44,058  |
| 1810 (U. S.), . . . . . | 472,040     | + 49,195  |
| 1820 (U. S.), . . . . . | 523,287     | + 51,247  |
| 1830 (U. S.), . . . . . | 610,408     | + 87,121  |
| 1840 (U. S.), . . . . . | 737,700     | + 127,292   |
| 1850 (U. S.), . . . . . | 994,514     | + 256,814   |
| 1855 (State), . . . . . | 1,132,369   | + 137,855   |
| 1860 (U. S.), . . . . . | 1,231,066   | + 98,697  |
| 1865 (State), . . . . . | 1,267,031   | + 35,965  |
| 1870 (U. S.), . . . . . | 1,457,351   | + 190,320   |
| 1875 (State), . . . . . | 1,651,912   | + 194,561   |
| 1880 (U. S.), . . . . . | 1,783,085   | + 131,173   |
| 1885 (State), . . . . . | 1,942,141   | + 159,056   |
| 1890 (U. S.), . . . . . | 2,238,943   | + 296,802   |
| 1895 (State), . . . . . | 2,500,183   | + 261,240   |

\* Census of Massachusetts, Part 2, 1895, p. 216.

## BIRTHS.

The number of births registered in 1899 was 70,457, which was greater than that of any year since the beginning of registration in Massachusetts except the years 1896, 1897 and 1898.

The rate for living births as calculated from the number of the population, which number is estimated as 2,730,983 (25·80) was less than that of the years 1851–1862, 1870, 1875 and 1888–1899, but greater than that of any other year since the beginning of registration except 1887, when the rate was the same, and is less than that of any five-year period since 1851 except those of 1861–1865 and 1881–1885.

The number of births and still-births for a period of twenty years 1880–1899 is presented in the following table (and in table 4 the birth-rates for forty-nine years and for forty-five years in groups of five-year periods).

TABLE 3. — *Births for Twenty Years.*

| YEARS.  | Born Alive. | Still-Born. | Totals. | YEARS.  | Born Alive. | Still-Born. | Totals. |
|---------|-------------|-------------|---------|---------|-------------|-------------|---------|
| 1880, . | 44,217      | 1,297       | 45,514  | 1890, . | 57,777      | 2,099       | 59,876  |
| 1881, . | 45,220      | 1,466       | 46,686  | 1891, . | 63,004      | 2,222       | 65,226  |
| 1882, . | 45,670      | 1,485       | 47,155  | 1892, . | 65,824      | 2,293       | 68,117  |
| 1883, . | 47,285      | 1,589       | 48,874  | 1893, . | 67,192      | 2,444       | 69,636  |
| 1884, . | 48,615      | 1,628       | 50,243  | 1894, . | 66,936      | 2,353       | 69,289  |
| 1885, . | 48,790      | 1,589       | 50,379  | 1895, . | 67,545      | 2,367       | 69,912  |
| 1886, . | 50,788      | 1,796       | 52,584  | 1896, . | 72,343      | 2,615       | 74,958  |
| 1887, . | 53,174      | 1,794       | 54,968  | 1897, . | 73,205      | 2,652       | 75,857  |
| 1888, . | 54,893      | 1,943       | 56,836  | 1898, . | 73,110      | 2,728       | 75,838  |
| 1889, . | 57,075      | 2,021       | 59,096  | 1899, . | 70,457      | 2,649       | 73,106  |

The birth-rate for 1899, including still-births, was 26·77, or 0·97 for still-births as compared with 28·39 and 1·00 in 1898.

TABLE 4. — *Showing Birth-rates, 1851-1899.*

| YEARS.      | Births to 1,000 of Population. |         | YEARS.      | Births to 1,000 of Population. |         |
|-------------|--------------------------------|---------|-------------|--------------------------------|---------|
| 1851, . . . | 28·04                          | } 28·63 | 1876, . . . | 25·12                          | } 24·29 |
| 1852, . . . | 28·39                          |         | 1877, . . . | 24·55                          |         |
| 1853, . . . | 28·70                          |         | 1878, . . . | 23·83                          |         |
| 1854, . . . | 28·96                          |         | 1879, . . . | 22·94                          |         |
| 1855, . . . | 29·01                          |         | 1880, . . . | 24·80                          |         |
| 1856, . . . | 29·89                          | } 29·50 | 1881, . . . | 24·91                          | } 25·08 |
| 1857, . . . | 30·14                          |         | 1882, . . . | 24·73                          |         |
| 1858, . . . | 28·95                          |         | 1883, . . . | 25·17                          |         |
| 1859, . . . | 29·26                          |         | 1884, . . . | 25·45                          |         |
| 1860, . . . | 29·28                          |         | 1885, . . . | 25·12                          |         |
| 1861, . . . | 28·62                          | } 25·34 | 1886, . . . | 25·37                          | } 25·82 |
| 1862, . . . | 25·91                          |         | 1887, . . . | 25·80                          |         |
| 1863, . . . | 24·20                          |         | 1888, . . . | 25·89                          |         |
| 1864, . . . | 24·17                          |         | 1889, . . . | 26·19                          |         |
| 1865, . . . | 23·87                          |         | 1890, . . . | 25·81                          |         |
| 1866, . . . | 26·12                          | } 26·02 | 1891, . . . | 27·53                          | } 27·62 |
| 1867, . . . | 26·11                          |         | 1892, . . . | 28·13                          |         |
| 1868, . . . | 26·21                          |         | 1893, . . . | 28·09                          |         |
| 1869, . . . | 25·46                          |         | 1894, . . . | 27·37                          |         |
| 1870, . . . | 26·25                          |         | 1895, . . . | 27·02                          |         |
| 1871, . . . | 26·60                          | } 27·58 | 1896, . . . | 28·30                          |         |
| 1872, . . . | 28·16                          |         | 1897, . . . | 28·01                          |         |
| 1873, . . . | 28·26                          |         | 1898, . . . | 27·37                          |         |
| 1874, . . . | 28·29                          |         | 1899, . . . | 25·80                          |         |
| 1875, . . . | 26·63                          |         |             |                                |         |

In Table 5 are presented the birth-rates for Massachusetts and several foreign countries. This table gives the average rates for the period of twenty years (1871-1890) and the rates for the years 1891, 1892 and 1893. For the data of this table credit, as previously stated, is due to the work of Dr. Richmond Mayo-Smith, Ph.D., of Columbia College, on Statistics and Sociology.

TABLE 5. — *Comparative Birth-rates.*

| COUNTRIES.              | AVERAGE. |       |       |       |
|-------------------------|----------|-------|-------|-------|
|                         | 1871-90. | 1891. | 1892. | 1893. |
| Massachusetts, . . . .  | 25·71    | 27·53 | 28·13 | 28·09 |
| Hungary, 1876-1890, . . | 44·0     | 42·3  | 40·3  | 42·5  |
| Austria, . . . . .      | 38·6     | 38·1  | 36·2  | —     |
| Germany, . . . . .      | 38·1     | 37·0  | 35·7  | 36·7  |
| Italy, . . . . .        | 37·3     | 37·3  | 36·3  | 36·6  |
| Holland, . . . . .      | 35·2     | 33·7  | 32·0  | 33·8  |
| England and Wales, . .  | 34·0     | 31·4  | 30·5  | 30·8  |
| Scotland, . . . . .     | 33·6     | 31·2  | 30·8  | 31·0  |
| United Kingdom, . . .   | 32·6     | 30·4  | 29·5  | 29·9  |
| Denmark, . . . . .      | 31·7     | 31·0  | 29·5  | 30·6  |
| Belgium, . . . . .      | 31·0     | 29·6  | 28·9  | 29·5  |
| Norway, . . . . .       | 30·7     | 30·9  | 29·6  | 30·7  |
| Sweden, . . . . .       | 29·8     | 28·3  | 27·0  | —     |
| Switzerland, . . . .    | 29·4     | 28·3  | 28·1  | 28·5  |
| Ireland, . . . . .      | 24·9     | 23·1  | 22·4  | 23·0  |
| France, . . . . .       | 24·6     | 22·6  | 22·1  | —     |

In table 6 are presented the number of births by counties for a period of twenty-nine years and the birth-rates of census years. In this table the births of each county for any given year and the birth-rate for any census year may be compared with those of other counties and with those of the State for the same year, and also with the births of the same county in other years as well as the birth-rates of the counties in census years.

This table shows a considerable uniformity in the birth-rates of the different counties when the birth-rates for counties are compared for different census years, while compared with each other the birth-rates present considerable variations, Essex county having the highest rate and Nantucket, Barnstable and Dukes the lowest in the last census year, 1895.

As compared with the births for 1898 there was an increase in Plymouth county and a decrease in all the rest.

TABLE 6. — *Births, 1870-1899, and Birth-rates in Census Years 1865-1895, by Counties.*

|                   | Barnstable. | Berkshire. | Bristol. | Dukes. | Essex.  | Franklin. | Hampden. | Hampshire. | Middlesex. | Nantucket. | Norfolk. | Plymouth. | South.  | Worcester. | Whole State. |
|-------------------|-------------|------------|----------|--------|---------|-----------|----------|------------|------------|------------|----------|-----------|---------|------------|--------------|
| Population, 1865, | 34,610      | 56,944     | 89,395   | 4,200  | 171,034 | 31,340    | 64,570   | 39,269     | 220,384    | 4,748      | 116,306  | 63,107    | 208,212 | 162,912    | 1,267,031    |
| " 1870,           | 32,744      | 64,827     | 102,886  | 3,787  | 200,843 | 32,635    | 78,409   | 44,388     | 274,353    | 4,123      | 89,443   | 65,365    | 270,802 | 192,716    | 1,457,351    |
| " 1875,           | 32,144      | 68,270     | 131,087  | 4,071  | 223,342 | 33,696    | 94,304   | 44,821     | 284,112    | 3,201      | 88,321   | 69,362    | 364,886 | 210,295    | 1,651,912    |
| " 1880,           | 31,897      | 69,032     | 139,040  | 4,300  | 244,535 | 36,001    | 104,142  | 47,232     | 317,830    | 3,727      | 96,507   | 74,018    | 387,927 | 226,897    | 1,783,085    |
| " 1885,           | 29,845      | 73,828     | 158,498  | 4,135  | 263,727 | 37,449    | 116,764  | 48,472     | 357,311    | 3,142      | 102,142  | 81,680    | 421,109 | 244,039    | 1,942,141    |
| " 1890,           | 29,172      | 81,108     | 186,465  | 4,369  | 299,995 | 38,610    | 135,713  | 51,859     | 431,167    | 3,268      | 118,950  | 92,700    | 484,780 | 280,787    | 2,238,943    |
| Birth-rates,      | 22.3        | 23.6       | 22.1     | 20.7   | 21.8    | 18.2      | 24.2     | 21.1       | 24.4       | 10.1       | 24.8     | 20.9      | 27.5    | 24.5       | 23.9         |
| Living births,    | 1870,       | 669        | 2,682    | 51     | 4,772   | 644       | 1,969    | 1,019      | 7,444      | 48         | 2,256    | 1,463     | 8,614   | 5,012      | 38,259       |
| Birth-rates,      | 1870,       | 20.4       | 26.1     | 13.4   | 23.7    | 19.7      | 25.1     | 22.9       | 27.1       | 11.6       | 25.2     | 22.4      | 31.8    | 26.0       | 26.2         |
| Living births,    | 1871,       | 709        | 1,784    | 57     | 5,114   | 658       | 2,235    | 993        | 7,289      | 51         | 2,316    | 1,464     | 9,006   | 5,349      | 39,791       |
| " 1872,           | 669         | 1,637      | 3,156    | 64     | 6,158   | 674       | 2,321    | 1,095      | 8,261      | 56         | 2,416    | 1,452     | 9,761   | 5,515      | 43,235       |
| " 1873,           | 615         | 1,653      | 3,328    | 56     | 5,686   | 733       | 2,527    | 1,111      | 8,605      | 55         | 2,517    | 1,549     | 10,254  | 5,792      | 44,481       |
| " 1874,           | 705         | 1,688      | 3,252    | 52     | 5,820   | 735       | 2,618    | 1,048      | 7,994      | 60         | 2,173    | 1,521     | 12,271  | 5,694      | 45,631       |
| " 1875,           | 659         | 1,678      | 3,440    | 65     | 5,722   | 673       | 2,635    | 1,035      | 7,247      | 57         | 2,276    | 1,469     | 11,582  | 5,458      | 43,996       |
| Birth-rates,      | 1875,       | 20.5       | 26.2     | 15.9   | 25.6    | 20.0      | 27.9     | 21.3       | 25.5       | 17.8       | 25.8     | 21.2      | 31.7    | 26.4       | 26.6         |
| Living births,    | 1876,       | 608        | 1,537    | 46     | 5,216   | 635       | 2,443    | 978        | 7,140      | 77         | 2,024    | 1,455     | 11,324  | 5,451      | 42,149       |
| " 1877,           | 607         | 1,537      | 3,177    | 64     | 5,370   | 660       | 2,359    | 944        | 7,379      | 64         | 2,052    | 1,459     | 11,070  | 5,098      | 41,850       |
| " 1878,           | 578         | 1,508      | 3,171    | 54     | 5,369   | 617       | 2,273    | 894        | 7,264      | 69         | 2,039    | 1,338     | 10,715  | 5,349      | 41,238       |
| " 1879,           | 542         | 1,527      | 2,852    | 34     | 5,086   | 637       | 2,374    | 946        | 7,052      | 59         | 2,004    | 1,301     | 10,742  | 5,139      | 40,295       |
| " 1880,           | 505         | 1,606      | 3,560    | 62     | 5,815   | 649       | 2,645    | 972        | 8,030      | 56         | 2,074    | 1,346     | 11,148  | 5,749      | 44,217       |
| Birth-rates,      | 1880,       | 15.8       | 23.3     | 14.4   | 23.8    | 18.0      | 25.4     | 20.6       | 25.3       | 15.0       | 21.4     | 18.2      | 28.8    | 25.4       | 24.8         |
| Living births,    | 1881,       | 485        | 1,664    | 40.3   | 5,864   | 682       | 2,585    | 1,005      | 8,067      | 60         | 2,141    | 1,450     | 11,124  | 5,959      | 45,290       |
| " 1882,           | 506         | 1,698      | 3,799    | 51     | 5,927   | 736       | 2,756    | 923        | 8,087      | 47         | 2,229    | 1,500     | 11,617  | 5,794      | 45,670       |
| " 1883,           | 508         | 1,947      | 4,051    | 57     | 6,036   | 729       | 2,067    | 969        | 8,127      | 64         | 2,222    | 1,445     | 11,908  | 6,155      | 47,285       |
| " 1884,           | 504         | 2,005      | 4,181    | 45     | 6,058   | 709       | 3,496    | 979        | 8,564      | 57         | 2,267    | 1,488     | 12,063  | 6,198      | 48,615       |
| " 1885,           | 518         | 1,901      | 4,190    | 66     | 6,070   | 747       | 3,482    | 954        | 8,843      | 36         | 2,329    | 1,528     | 12,092  | 6,034      | 48,790       |

TABLE 6. — *Births, 1870-1899, and Birth-rates in Census Years 1865-1895, by Counties — Concluded.*

|   | Barnstable. | Berkshire. | Bristol. | Dukes. | Essex. | Franklin. | Hamden. | Hampshire. | Middlesex. | Nantucket. | Norfolk. | Plymouth. | Suffolk. | Worcester. | Whole State. |
|---|-------------|------------|----------|--------|--------|-----------|---------|------------|------------|------------|----------|-----------|----------|------------|--------------|
| <i>Birth-rates,</i><br>Living births,                           | 17.4        | 25.7       | 26.4     | 15.96  | 23.0   | 19.9      | 29.8    | 19.7       | 24.7       | 11.46      | 22.8     | 18.7      | 28.7     | 24.7       | 25.1         |
| 1885,   | 489         | 1,948      | 4,460    | 75     | 6,535  | 756       | 3,517   | 1,101      | 9,046      | 36         | 2,322    | 1,553     | 12,596   | 6,454      | 50,788       |
| 1886,   | 501         | 2,025      | 4,597    | 67     | 6,861  | 798       | 3,645   | 1,062      | 9,926      | 55         | 2,430    | 1,595     | 12,776   | 6,836      | 53,174       |
| 1887,   | 547         | 2,159      | 4,854    | 55     | 6,884  | 740       | 3,858   | 1,069      | 10,105     | 46         | 2,487    | 1,667     | 13,334   | 7,088      | 54,893       |
| 1888,   | 539         | 2,139      | 4,826    | 68     | 7,073  | 828       | 4,038   | 1,092      | 10,925     | 52         | 2,778    | 1,736     | 13,525   | 7,356      | 57,075       |
| 1889,   | 488         | 2,135      | 4,958    | 79     | 7,104  | 760       | 4,136   | 1,084      | 11,149     | 50         | 2,710    | 1,758     | 14,046   | 7,320      | 57,777       |
| 1890,   | 16.38       | 26.32      | 26.58    | 18.08  | 23.68  | 19.68     | 30.47   | 20.90      | 25.85      | 15.30      | 22.78    | 18.96     | 28.98    | 26.07      | 25.81        |
| <i>Birth-rates,</i><br>Living births,                           | 530         | 2,179      | 5,436    | 56     | 7,804  | 813       | 4,611   | 1,126      | 12,347     | 52         | 2,947    | 1,905     | 15,227   | 7,971      | 63,004       |
| 1891,   | 546         | 2,083      | 5,924    | 71     | 7,784  | 898       | 4,708   | 1,229      | 12,879     | 50         | 2,956    | 1,946     | 16,542   | 8,208      | 65,824       |
| 1892,   | 516         | 2,283      | 6,200    | 73     | 8,392  | 908       | 4,864   | 1,194      | 13,197     | 55         | 3,132    | 2,144     | 15,538   | 8,696      | 67,192       |
| 1893,   | 536         | 2,248      | 6,188    | 65     | 8,177  | 912       | 4,589   | 1,194      | 13,246     | 55         | 3,105    | 1,976     | 16,408   | 8,237      | 66,936       |
| 1894,   | 520         | 2,193      | 6,163    | 86     | 8,004  | 833       | 4,891   | 1,186      | 13,501     | 55         | 3,147    | 2,064     | 16,768   | 8,134      | 67,545       |
| 1895,   | 18.80       | 25.41      | 28.14    | 20.29  | 34.74  | 20.75     | 31.98   | 21.68      | 27.04      | 18.24      | 23.34    | 20.34     | 31.06    | 26.54      | 27.02        |
| <i>Birth-rates,</i><br>Living births,                           | 494         | 2,285      | 7,280    | 66     | 8,746  | 901       | 4,998   | 1,298      | 14,135     | 61         | 3,238    | 2,217     | 17,779   | 8,845      | 72,343       |
| 1896,   | 482         | 2,474      | 8,092    | 61     | 8,560  | 865       | 5,179   | 1,246      | 14,015     | 44         | 3,229    | 2,104     | 18,167   | 8,087      | 73,205       |
| 1897,   | 517         | 2,350      | 8,608    | 82     | 8,433  | 838       | 5,191   | 1,254      | 13,737     | 51         | 3,345    | 2,142     | 17,798   | 8,764      | 73,110       |
| 1898,   | 470         | 2,190      | 7,762    | 59     | 8,097  | 800       | 5,117   | 1,210      | 13,360     | 38         | 3,295    | 2,194     | 17,294   | 8,571      | 70,457       |
| 1899,   |             |            |          |        |        |           |         |            |            |            |          |           |          |            |              |
| Ratio of population<br>to number of fam-<br>ilies (1875), . . . | 3.86        | 4.82       | 4.59     | 3.59   | 4.45   | 4.28      | 4.72    | 4.67       | 4.68       | 3.41       | 4.53     | 4.24      | 4.84     | 4.55       | 4.60         |
| Ratio of population<br>to number of fam-<br>ilies (1885), . . . | 3.58        | 4.69       | 4.55     | 3.39   | 4.45   | 4.25      | 4.67    | 4.59       | 4.70       | 3.06       | 4.52     | 4.12      | 4.84     | 4.50       | 4.58         |
| Ratio of population<br>to number of fam-<br>ilies (1895), . . . | 3.42        | 4.59       | 4.59     | 3.24   | 4.44   | 4.17      | 4.66    | 4.66       | 4.64       | 3.07       | 4.54     | 4.09      | 4.78     | 4.55       | 4.57         |

*Seasons of the Year.* — In tables 7 and 8 is shown the relation of the birth-rate to the seasons of the year; in the former table the data of 1899 are compared with those of 1898, by months and quarters, and in the latter the number of births in each month for a period of twenty years is presented.

TABLE 7. — *Births and Birth-rates by Months and Quarters, 1898-1899.*

|              | Births<br>registered in Each<br>Month. |        | Births<br>registered in Each<br>Quarter. |        | Monthly<br>Percentage of<br>Births. |       | Quarterly<br>Percentage of<br>Births. |       |
|--------------|--|--------|--|--------|-------------------------------------|-------|---------------------------------------|-------|
|              | 1898.                                  | 1899.  | 1898.                                    | 1899.  | 1898.                               | 1899. | 1898.                                 | 1899. |
| January, .   | 6,081                                  | 6,087  | 18,304                                   | 17,576 | { 8·3                               | 8·6   | { 25·0                                | 24·9  |
| February, .  | 5,878                                  | 5,417  |  |        | { 8·0                               | 7·7   |                                       |       |
| March, .     | 6,345                                  | 6,072  |  |        | { 8·7                               | 8·6   |                                       |       |
| April, . .   | 5,701                                  | 5,423  | 17,709                                   | 16,483 | { 7·8                               | 7·7   | { 24·3                                | 23·4  |
| May, . .     | 5,987                                  | 5,497  |  |        | { 8·2                               | 7·8   |                                       |       |
| June, . .    | 6,021                                  | 5,563  |  |        | { 8·2                               | 7·9   |                                       |       |
| July, . .    | 6,267                                  | 6,169  | 18,844                                   | 18,529 | { 8·6                               | 8·8   | { 25·8                                | 26·3  |
| August, .    | 6,475                                  | 6,351  |  |        | { 8·9                               | 8·9   |                                       |       |
| September, . | 6,102                                  | 6,009  |  |        | { 8·3                               | 8·6   |                                       |       |
| October, .   | 6,169                                  | 5,851  | 18,253                                   | 17,869 | { 8·4                               | 8·3   | { 24·9                                | 25·4  |
| November, .  | 5,905                                  | 5,853  |  |        | { 8·1                               | 8·3   |                                       |       |
| December, .  | 6,179                                  | 6,165  |  |        | { 8·5                               | 8·8   |                                       |       |
| The Year,    | 73,110                                 | 70,457 | 73,110                                   | 70,457 | 100·0                               | 100·0 | 100·0                                 | 100·0 |

The largest number of births in a single month in 1899 occurred in August and in the third quarter of the year, and the least number occurred in February and in the second quarter.

TABLE 8. — *Living Births. — By Months, Quarters and Periods of Six Months. — Twenty Years.*

| YEARS.        | January. | February. | March. | April. | May.  | June. | July.  | August. | September. | October. | November. | December. |
|---------------|----------|-----------|--------|--------|-------|-------|--------|---------|------------|----------|-----------|-----------|
| 1880, . . .   | 3,372    | 3,369     | 3,579  | 3,521  | 3,708 | 3,642 | 3,840  | 3,921   | 3,845      | 3,845    | 3,791     | 3,779     |
| 1881, . . .   | 3,641    | 3,475     | 3,703  | 3,567  | 3,713 | 3,595 | 3,949  | 4,263   | 3,856      | 3,827    | 3,783     | 3,843     |
| 1882, . . .   | 3,651    | 3,449     | 3,808  | 3,721  | 3,516 | 3,614 | 3,942  | 4,162   | 3,970      | 4,084    | 3,784     | 3,966     |
| 1883, . . .   | 3,654    | 3,465     | 3,869  | 3,574  | 3,662 | 3,861 | 4,204  | 4,323   | 4,241      | 4,326    | 4,033     | 4,067     |
| 1884, . . .   | 2,887    | 3,812     | 4,003  | 3,819  | 3,959 | 3,992 | 4,192  | 4,293   | 4,189      | 4,173    | 4,008     | 4,288     |
| 1885, . . .   | 3,965    | 3,821     | 4,104  | 3,836  | 4,001 | 3,840 | 4,219  | 4,461   | 4,246      | 4,194    | 3,992     | 4,106     |
| 1886, . . .   | 4,060    | 3,803     | 4,273  | 3,876  | 3,951 | 4,033 | 4,491  | 4,569   | 4,555      | 4,578    | 4,209     | 4,389     |
| 1887, . . .   | 4,263    | 4,070     | 4,430  | 4,167  | 4,306 | 4,337 | 4,682  | 4,884   | 4,598      | 4,563    | 4,450     | 4,424     |
| 1888, . . .   | 4,476    | 4,145     | 4,532  | 4,010  | 4,386 | 4,670 | 5,032  | 4,963   | 4,855      | 4,665    | 4,440     | 4,769     |
| 1889, . . .   | 4,564    | 4,276     | 4,774  | 4,621  | 4,546 | 4,635 | 5,070  | 5,174   | 4,944      | 4,858    | 4,712     | 4,901     |
| 1890, . . .   | 4,947    | 4,488     | 4,891  | 4,436  | 4,757 | 4,645 | 5,147  | 5,270   | 4,559      | 4,569    | 4,730     | 5,338     |
| 1891, . . .   | 5,347    | 4,905     | 5,448  | 4,812  | 5,002 | 5,119 | 5,585  | 5,581   | 5,388      | 5,251    | 5,232     | 5,334     |
| 1892, . . .   | 5,426    | 5,043     | 5,438  | 5,220  | 5,342 | 5,129 | 5,895  | 5,833   | 5,590      | 5,330    | 5,576     | 5,990     |
| 1893, . . .   | 5,611    | 5,107     | 5,549  | 5,391  | 5,163 | 5,457 | 6,095  | 6,173   | 5,638      | 5,716    | 5,519     | 5,767     |
| 1894, . . .   | 5,500    | 4,978     | 5,681  | 5,529  | 5,472 | 5,506 | 5,999  | 5,794   | 5,458      | 5,530    | 5,579     | 5,907     |
| 1895,* . . .  | 5,803    | 5,269     | 5,441  | 5,033  | 5,467 | 5,466 | 5,927  | 6,034   | 5,846      | 5,891    | 5,461     | 5,903     |
| 1896,* . . .  | 4,342    | 5,543     | 6,016  | 5,902  | 5,952 | 5,840 | 6,229  | 6,551   | 6,206      | 6,123    | 5,943     | 6,176     |
| 1897, . . .   | 6,265    | 5,634     | 6,388  | 5,705  | 5,665 | 5,693 | 6,356  | 6,708   | 6,238      | 6,330    | 6,915     | 6,208     |
| 1898, . . .   | 6,081    | 5,878     | 6,345  | 5,701  | 5,987 | 6,021 | 6,267  | 6,475   | 6,102      | 6,169    | 5,905     | 6,179     |
| 1899, . . .   | 6,087    | 5,417     | 6,072  | 5,423  | 5,497 | 5,563 | 6,169  | 6,351   | 6,009      | 5,851    | 5,853     | 6,165     |
| Average, .    | 4,697    | 4,497     | 4,917  | 4,593  | 4,700 | 4,733 | 5,185  | 5,289   | 5,127      | 4,994    | 4,981     | 5,075     |
| Quarters, .   | 16,111   |           |        | 14,026 |       |       | 15,601 |         |            | 15,050   |           |           |
| Half-years, . | 30,137   |           |        |        |       |       | 30,651 |         |            |          |           |           |

\* The deaths from unspecified dates are excluded.

For the period of twenty years (1880–1899) 50·4 per cent. of the births occurred in the last half of the years of the period, 26·5 per cent. in the first quarter, 23·1 per cent. in the second quarter, 25·6 per cent. in the third quarter and 24·8 per cent. in the last quarter.

The largest average number of births for the period of twenty years occurred in the month of August, and the order of the remaining months was as follows: July, September, December, October, November, March, June, May, January, April and February.



TABLE 9. — *Births. — Ratio of Males to Females. — Ten Years.*

|             |                           | 1898.  | 1899.  | Ten Years.<br>1890-1899. |
|-------------|---------------------------|--------|--------|--------------------------|
| Born alive, | { Males, . .              | 37,389 | 36,199 | 347,563                  |
|             | { Females, . .            | 35,694 | 34,258 | 329,476                  |
|             | { Not stated, . .         | 27     | —      | 351                      |
|             | Males to 100 females, . . | 104·7  | 105·7  | 105·5                    |
| Still-born, | { Males, . .              | 1,680  | 1,593  | 14,183                   |
|             | { Females, . .            | 1,033  | 1,034  | 9,036                    |
|             | { Not stated, . .         | 15     | 22     | 632                      |
|             | Males to 100 females, . . | 162·6  | 154·1  | 156·9                    |

In table 9 are presented the statistics in regard to the sex of children born alive which appear to show that the ratio of males to females, exclusive of the cases where the sex was not stated, was in 1899, 105·7 as compared with 104·7 in 1898, 106·2 in 1897, 105·9 in 1896, 105·2 in 1895, 105·4 in 1894 and 105·5 for the ten year period 1890-1899.

From the same table it appears that the ratio of males to females among the still-born in 1899 was 154·1 as compared with 162·6 in 1898, 162·8 in 1897, 166·8 in 1896, 159·5 in 1895 and 156·9 for the ten year period.

In table 10 are presented the statistics relative to the parentage of children born alive in Massachusetts in 1899 together with those relating to plural births.

The excess of children born of foreign parents over those of native parentage in 1899 was 11,829, which was greater by 212 than the excess of the same class in 1898. It was also greater than that of any other year since the beginning of registration.

The number of children born of mixed parentage was 13,604, which was less by 301 than the number of this class in 1898 and less than that of any year since 1891.

There was an increase in the number of children born of mixed parentage in Barnstable, Essex, Franklin, Middlesex, Plymouth and Norfolk counties and a decrease in all the rest.

In table 11 the percentages of native and foreign-born children are given for the series of years, 1890-1899, by which it appears that the percentage of native-born children has de-

creased with considerable uniformity during the decade, and it is also true, as shown by examination of previous reports, if a longer period of years is taken into account.

The percentage of children of foreign-born parents, as demonstrated by the statistics of former reports, was greater than that of any previous year.

The percentage of children born of mixed parentage was less than that of any other year in the decade 1890-1899, except 1897 and 1898.

TABLE 10. — *Parentage of the Children born alive in the Several Counties of Massachusetts during the Year 1899.*

|   | STATE. | Barnstable. | Berkshire. | Bristol. | Dukes. | Essex. | Franklin. | Hampden. | Hampshire. | Middlesex. | Nantucket. | Norfolk. | Plymouth. | Suffolk. | Worcester. |
|---|--------|-------------|------------|----------|--------|--------|-----------|----------|------------|------------|------------|----------|-----------|----------|------------|
| Aggregates, . . . .                                 | 70,457 | 470         | 2,190      | 7,762    | 59     | 8,097  | 800       | 5,117    | 1,210      | 13,360     | 38         | 3,295    | 2,194     | 17,294   | 8,571      |
| Both parents native-born, . . . .                   | 22,409 | 280         | 1,061      | 1,654    | 31     | 2,855  | 438       | 1,556    | 505        | 4,193      | 27         | 1,251    | 1,120     | 4,568    | 2,870      |
| Both parents foreign-born, . . . .                  | 34,238 | 105         | 694        | 4,701    | 22     | 3,534  | 236       | 2,591    | 476        | 6,261      | 3          | 1,346    | 651       | 9,624    | 3,994      |
| Native-born father and foreign-born mother, . . . . | 7,139  | 43          | 212        | 700      | 3      | 901    | 63        | 514      | 120        | 1,503      | 6          | 371      | 224       | 1,635    | 844        |
| Foreign-born father and native-born mother, . . . . | 6,465  | 40          | 220        | 698      | 3      | 796    | 62        | 455      | 109        | 1,288      | 2          | 318      | 194       | 1,422    | 858        |
| Not stated, . . . .                                 | 206    | 3           | 3          | 9        | —      | 11     | 1         | 1        | —          | 115        | —          | 9        | 5         | 45       | 5          |

PLURALITY CASES (Included above).

|                 |   |       |    |    |     |   |     |    |     |    |     |    |    |     |     |     |
|-----------------|---|-------|----|----|-----|---|-----|----|-----|----|-----|----|----|-----|-----|-----|
| Totals, . . . . | {<br>Aggregates,<br>Males,<br>Females,<br>} | 1,539 | 10 | 62 | 182 | — | 178 | 14 | 112 | 32 | —   | 84 | 53 | 371 | 208 |     |
|                 |   | 775   | 6  | 28 | 90  | — | 92  | 5  | 66  | 10 | 119 | —  | 37 | 32  | 196 | 94  |
|                 |   | 764   | 4  | 34 | 92  | — | 86  | 9  | 46  | 22 | 114 | —  | 47 | 21  | 175 | 114 |

TABLE 11. — *Percentage\* of Children of Native and Foreign-born Parents in 1899 and in each of the Previous Nine Years.*

| YEARS.          | PARENTS.     |               |                   | Births with Parentage not reported. |
|-----------------|--------------|---------------|-------------------|-------------------------------------|
|                 | Native-born. | Foreign-born. | One Foreign-born. |                                     |
| 1890, . . . . . | 34·82        | 44·10         | 21·08             | 272                                 |
| 1891, . . . . . | 34·03        | 44·84         | 21·13             | 352                                 |
| 1892, . . . . . | 33·34        | 45·73         | 20·93             | 443                                 |
| 1893, . . . . . | 32·57        | 47·00         | 20·43             | 287                                 |
| 1894, . . . . . | 32·58        | 46·51         | 20·91             | 270                                 |
| 1895, . . . . . | 32·45        | 46·98         | 20·57             | 219                                 |
| 1896, . . . . . | 31·65        | 47·49         | 20·86             | 263                                 |
| 1897, . . . . . | 32·60        | 48·30         | 19·10             | 207                                 |
| 1898, . . . . . | 32·35        | 48·24         | 19·02             | 276                                 |
| 1899, . . . . . | 31·81        | 48·59         | 19·31             | 206                                 |

\* Excluding births with parentage not reported.

TABLE 12. — *Number of Births during each of the Twenty Years 1880-1899, exhibiting the Sex and Parentage.*

|   | 1880.  | 1881.  | 1882.  | 1883.  | 1884.  | 1885.  | 1886.  | 1887.  | 1888.  | 1889.  |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Totals, . . . . .                           | 44,217 | 45,220 | 45,670 | 47,285 | 48,615 | 48,790 | 50,788 | 53,174 | 54,893 | 57,075 |
| Males, . . . . .                            | 22,667 | 23,014 | 23,281 | 24,388 | 24,941 | 25,053 | 25,959 | 27,245 | 28,156 | 29,017 |
| Females, . . . . .                          | 21,396 | 22,069 | 22,292 | 22,875 | 23,658 | 23,716 | 24,822 | 25,915 | 26,726 | 28,042 |
| Unknown, . . . . .                          | 154    | 137    | 97     | 22     | 16     | 21     | 7      | 14     | 11     | 16     |
| PARENTAGE.                                  |        |        |        |        |        |        |        |        |        |        |
| Native, . . . . .                           | 18,130 | 18,218 | 18,565 | 18,412 | 18,734 | 18,822 | 19,531 | 20,207 | 20,078 | 20,260 |
| Foreign, . . . . .                          | 17,651 | 18,169 | 18,012 | 19,188 | 19,750 | 19,733 | 20,758 | 22,781 | 22,990 | 24,760 |
| Native father and foreign mother, . . . . . | 3,141  | 3,267  | 3,462  | 3,771  | 4,058  | 4,295  | 4,518  | 4,853  | 5,771  | 5,913  |
| Foreign father and native mother, . . . . . | 4,044  | 4,119  | 4,150  | 4,398  | 4,613  | 4,577  | 4,781  | 5,025  | 5,784  | 5,850  |
| Not stated, . . . . .                       | 1,251  | 1,447  | 1,451  | 1,516  | 1,460  | 1,363  | 1,200  | 308    | 270    | 292    |

|   | 1890.  | 1891.  | 1892.  | 1893.  | 1894.  | 1895.  | 1896.  | 1897.  | 1898.  | 1899.  |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Totals, . . . . .                           | 57,777 | 63,004 | 65,824 | 67,192 | 66,936 | 67,545 | 72,343 | 73,205 | 73,110 | 70,457 |
| Males, . . . . .                            | 29,521 | 32,532 | 33,758 | 34,328 | 34,338 | 34,623 | 37,186 | 37,689 | 37,389 | 36,199 |
| Females, . . . . .                          | 28,227 | 30,434 | 31,951 | 32,829 | 32,575 | 32,905 | 35,114 | 35,489 | 35,694 | 34,258 |
| Unknown, . . . . .                          | 26     | 38     | 115    | 35     | 23     | 17     | 43     | 27     | 27     | -      |
| PARENTAGE.                                  |        |        |        |        |        |        |        |        |        |        |
| Native, . . . . .                           | 20,023 | 21,325 | 21,800 | 21,788 | 21,718 | 21,851 | 22,810 | 23,824 | 23,656 | 22,409 |
| Foreign, . . . . .                          | 25,361 | 28,097 | 29,895 | 31,448 | 31,008 | 31,628 | 34,237 | 35,256 | 35,273 | 34,238 |
| Native father and foreign mother, . . . . . | 6,160  | 6,685  | 6,919  | 7,003  | 7,107  | 7,026  | 7,792  | 7,152  | 7,308  | 7,139  |
| Foreign father and native mother, . . . . . | 5,961  | 6,545  | 6,767  | 6,666  | 6,833  | 6,821  | 7,241  | 6,766  | 6,597  | 6,465  |
| Not stated, . . . . .                       | 272    | 352    | 443    | 287    | 270    | 219    | 263    | 207    | 276    | 206    |

Number of Births, etc. — Concluded.

In table 12 are given the statistics as to the number of births for twenty years (1880–1899) with the parentage, and from this table it appears that the number born of mixed parentage in 1899 was 13,604, which was less by 301 than the number of the same class born in 1898 and was less than that of any other year in the period since 1891.

*Plural births.* — In 1899, 1,539 children were born of 759 mothers. Of this number, 1,512 were twins and 27 were triplets. The number of offspring of plural births in 1899 was greater than that of any of the previous twenty years except 1897.

TABLE 13. — *Plural Births. — Twenty Years.*

| YEARS.              | Cases of<br>Twins. | Cases of<br>Triplets. | No. of Living<br>Births to one Case<br>of Twins. | No. of Living<br>Births to one Case<br>of Triplets. |
|---------------------|--------------------|-----------------------|--|---|
| 1880, . . . . .     | 381                | 3                     | 116  | 14,739  |
| 1881, . . . . .     | 389                | 9                     | 116  | 5,024   |
| 1882, . . . . .     | 417                | 5                     | 109  | 9,134   |
| 1883, . . . . .     | 394                | 5                     | 120  | 9,457   |
| 1884, . . . . .     | 432                | 5                     | 113  | 9,723   |
| 1885, . . . . .     | 376                | 4                     | 130  | 12,197  |
| 1886, . . . . .     | 453                | 5                     | 112  | 10,158  |
| 1887, . . . . .     | 451                | 6                     | 118  | 8,849   |
| 1888, . . . . .     | 434                | 2                     | 125  | 27,446  |
| 1889, . . . . .     | 547                | 3                     | 104  | 19,025  |
| 1890, . . . . .     | 502                | 4                     | 115  | 14,444  |
| 1891, . . . . .     | 618                | 7                     | 102  | 9,000   |
| 1892, . . . . .     | 572                | 8                     | 115  | 8,228   |
| 1893, . . . . .     | 610                | 9                     | 110  | 7,466   |
| 1894, . . . . .     | 646                | 8                     | 103  | 8,367   |
| 1895, . . . . .     | 736                | 9                     | 92   | 7,505   |
| 1896, . . . . .     | 719                | 10                    | 100  | 7,234   |
| 1897, . . . . .     | 768                | 3                     | 95   | 24,402  |
| 1898, . . . . .     | 706                | 3                     | 104  | 24,370  |
| 1899, . . . . .     | 756                | 9                     | 93   | 7,828   |
| Totals, . . . . .   | 10,907             | 117                   | 2,192  | 244,596   |
| Averages, . . . . . | 545.32             | 5.85                  | 109.6  | 12229.8   |

In table 13 are presented data in regard to plural births for twenty years (1880–1899) showing the number of cases of twins and of triplets with the ratio of living births to one case of twins, and also the number of living births to one case of triplets.

The tables relating to illegitimate births are again omitted for the reasons set forth in the report for 1895.

## MARRIAGES.

The number of marriages registered in Massachusetts in 1899 was 23,523, which was 1,381 more than the number registered in 1898 and 485 more than that of 1897 and was greater than that of any previous year since the beginning of registration except 1896. The number of persons married for each thousand of the estimated population was 17·20 and the number of marriages to each thousand was 8·60.

There was one person married to every 58·0 of the population as compared with one in each 60·3 in 1898, 56·7 in 1897, 54·0 in 1896 and 52·8 in 1895.

TABLE 14. — *Marriage-rates, — 1851-1899 (49 Years).*

| YEARS.  | Marriages. | Persons<br>Married to<br>1,000 Living. | Number<br>Living to<br>One<br>Marriage. | YEARS.  | Marriages. | Persons<br>Married to<br>1,000 Living. | Number<br>Living to<br>One<br>Marriage. |
|---------|------------|--|---|---------|------------|--|---|
| 1851, . | 11,966     | 23·42                                  | 85                                      | 1876, . | 12,749     | 15·18                                  | 132                                     |
| 1852, . | 11,578     | 22·06                                  | 91                                      | 1877, . | 12,758     | 14·96                                  | 134                                     |
| 1853, . | 12,828     | 23·82                                  | 84                                      | 1878, . | 12,893     | 14·90                                  | 134                                     |
| 1854, . | 13,683     | 24·76                                  | 81                                      | 1879, . | 13,802     | 15·70                                  | 127                                     |
| 1855, . | 12,329     | 21·77                                  | 92                                      | 1880, . | 15,538     | 17·42                                  | 114                                     |
| 1856, . | 12,265     | 21·30                                  | 94                                      | 1881, . | 16,768     | 18·48                                  | 109                                     |
| 1857, . | 11,739     | 20·04                                  | 100                                     | 1882, . | 17,684     | 19·12                                  | 104                                     |
| 1858, . | 10,527     | 17·66                                  | 113                                     | 1883, . | 18,194     | 19·36                                  | 103                                     |
| 1859, . | 11,475     | 18·94                                  | 106                                     | 1884, . | 17,333     | 18·12                                  | 110                                     |
| 1860, . | 12,404     | 20·15                                  | 99                                      | 1885, . | 17,052     | 17·56                                  | 114                                     |
| 1861, . | 10,972     | 17·72                                  | 113                                     | 1886, . | 18,018     | 18·00                                  | 111                                     |
| 1862, . | 11,014     | 17·68                                  | 113                                     | 1887, . | 19,533     | 18·90                                  | 105                                     |
| 1863, . | 10,873     | 17·36                                  | 115                                     | 1888, . | 19,739     | 18·62                                  | 107                                     |
| 1864, . | 12,513     | 19·86                                  | 101                                     | 1889, . | 20,397     | 18·72                                  | 107                                     |
| 1865, . | 13,051     | 20·60                                  | 97                                      | 1890, . | 20,838     | 18·62                                  | 107                                     |
| 1866, . | 14,428     | 22·10                                  | 90                                      | 1891, . | 21,675     | 18·94                                  | 106                                     |
| 1867, . | 14,451     | 21·52                                  | 93                                      | 1892, . | 22,507     | 19·24                                  | 104                                     |
| 1868, . | 13,856     | 20·06                                  | 99                                      | 1893, . | 22,814     | 19·07                                  | 105                                     |
| 1869, . | 14,826     | 20·89                                  | 96                                      | 1894, . | 20,619     | 16·86                                  | 108                                     |
| 1870, . | 14,721     | 20·20                                  | 99                                      | 1895, . | 23,102     | 18·48                                  | 108                                     |
| 1871, . | 15,746     | 21·04                                  | 95                                      | 1896, . | 23,651     | 18·51                                  | 108                                     |
| 1872, . | 16,142     | 21·02                                  | 95                                      | 1897, . | 23,038     | 17·64                                  | 113                                     |
| 1873, . | 16,437     | 20·88                                  | 96                                      | 1898, . | 22,142     | 16·58                                  | 121                                     |
| 1874, . | 15,564     | 19·30                                  | 103                                     | 1899, . | 23,523     | 17·23                                  | 116                                     |
| 1875, . | 13,663     | 16·54                                  | 121                                     |         |            |  |   |

In table 14 are presented the number of marriages, persons married in each thousand of the population, and the number

living to one marriage for the period of forty-nine years 1851–1899.

The marriage rate for 1899 as calculated from the estimated number of the population was  $\cdot 88$  less than the average rate for the decade 1890–1899, and  $\cdot 10$  greater than the average rate of the census years for the past forty-five years.

Table 15 presents the number of marriages in each county for each year in the period of ten years (1890–1899) together with the marriage rates (number of marriages to each 1,000 living) for the census years 1880, 1885, 1890, 1895.



TABLE 15. — *Marriages by Counties, 1890-1899, and Marriages to 1,000 Living, 1880, 1885, 1890, 1895.*

|               | 1890.  | 1891.  | 1892.  | 1893.  | 1894.  | 1895.  | 1896.  | 1897.  | 1898.  | 1899.  | 1880. | 1885. | 1890. | 1895. |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| THE STATE, .  | 20,838 | 21,675 | 22,507 | 22,814 | 20,619 | 23,102 | 23,651 | 23,038 | 22,142 | 23,523 | 8.71  | 8.78  | 9.31  | 9.24  |
| Barnstable, . | 245    | 245    | 221    | 209    | 214    | 207    | 192    | 198    | 178    | 218    | 7.02  | 9.34  | 8.39  | 7.49  |
| Berkshire, .  | 613    | 605    | 625    | 613    | 562    | 642    | 628    | 663    | 638    | 606    | 7.20  | 7.30  | 7.56  | 7.44  |
| Bristol, .    | 1,885  | 1,850  | 2,045  | 2,089  | 1,825  | 2,185  | 2,377  | 2,350  | 2,114  | 2,358  | 8.35  | 9.12  | 10.11 | 9.98  |
| Dukes, .      | 39     | 33     | 38     | 39     | 27     | 38     | 41     | 35     | 31     | 17     | 8.83  | 11.85 | 9.27  | 8.97  |
| Essex, .      | 2,773  | 2,905  | 2,899  | 3,108  | 2,691  | 3,025  | 2,911  | 2,700  | 2,626  | 2,801  | 9.68  | 9.21  | 9.24  | 9.16  |
| Franklin, .   | 285    | 310    | 331    | 335    | 284    | 278    | 303    | 291    | 288    | 288    | 8.50  | 7.53  | 7.38  | 6.92  |
| Hampden, .    | 1,198  | 1,388  | 1,479  | 1,401  | 1,270  | 1,436  | 1,503  | 1,551  | 1,449  | 1,480  | 9.29  | 9.24  | 8.82  | 9.39  |
| Hampshire, .  | 421    | 448    | 438    | 410    | 414    | 457    | 449    | 376    | 382    | 462    | 8.11  | 7.38  | 8.13  | 8.35  |
| Middlesex, .  | 3,836  | 4,083  | 4,259  | 4,373  | 3,721  | 4,289  | 4,157  | 4,132  | 3,919  | 4,247  | 8.38  | 8.55  | 8.90  | 8.59  |
| Nantucket, .  | 18     | 16     | 28     | 21     | 16     | 25     | 15     | 22     | 12     | 13     | 7.25  | 5.72  | 5.50  | 8.29  |
| Norfolk, .    | 937    | 944    | 956    | 976    | 830    | 908    | 952    | 880    | 909    | 982    | 7.23  | 6.94  | 7.88  | 6.73  |
| Plymouth, .   | 803    | 798    | 804    | 840    | 717    | 742    | 790    | 733    | 781    | 797    | 7.89  | 7.08  | 8.66  | 7.31  |
| Suffolk, .    | 5,297  | 5,574  | 5,708  | 5,745  | 5,809  | 6,324  | 6,655  | 6,444  | 6,275  | 6,576  | 9.63  | 10.18 | 10.92 | 11.72 |
| Worcester, .  | 2,488  | 2,476  | 2,676  | 2,655  | 2,239  | 2,546  | 2,678  | 2,663  | 2,540  | 2,678  | 8.33  | 7.05  | 8.85  | 8.31  |

TABLE 16. — *Marriages and Marriage-rates, by Months and Quarters, 1898–1899.*

| MONTHS.              | Marriages registered in each Month. |        | Marriages registered in each Quarter. |        | Monthly Percentage of Marriages. |        | Quarterly Percentage of Marriages. |        |
|----------------------|-------------------------------------|--------|---------------------------------------|--------|----------------------------------|--------|------------------------------------|--------|
|                      | 1898.                               | 1899.  | 1898.                                 | 1899.  | 1898.                            | 1899.  | 1898.                              | 1899.  |
| January, .           | 1,807                               | 1,713  | } 4,357                               | 3,963  | 8·16                             | 7·28   | } 19·68                            | 16·85  |
| February, .          | 1,623                               | 1,383  |                                       |        | 7·33                             | 5·88   |                                    |        |
| March, .             | 927                                 | 867    |                                       |        | 4·19                             | 3·69   |                                    |        |
| April, .             | 2,038                               | 2,338  | } 6,346                               | 6,906  | 9·20                             | 9·94   | } 28·66                            | 29·36  |
| May, .               | 1,461                               | 1,536  |                                       |        | 6·60                             | 6·53   |                                    |        |
| June, .              | 2,847                               | 3,032  |                                       |        | 12·86                            | 12·89  |                                    |        |
| July, .              | 1,442                               | 1,610  | } 4,884                               | 5,386  | 6·51                             | 6·84   | } 22·06                            | 22·90  |
| August, .            | 1,477                               | 1,529  |                                       |        | 6·67                             | 6·51   |                                    |        |
| September, .         | 1,965                               | 2,247  |                                       |        | 8·88                             | 9·55   |                                    |        |
| October, .           | 2,544                               | 2,797  | } 6,555                               | 7,268  | 11·49                            | 11·89  | } 29·60                            | 30·89  |
| November, .          | 2,491                               | 2,825  |                                       |        | 11·25                            | 12·01  |                                    |        |
| December, .          | 1,520                               | 1,646  |                                       |        | 6·86                             | 6·99   |                                    |        |
| The four quarters, } | 22,142                              | 23,523 | 22,142                                | 23,523 | 100·00                           | 100·00 | 100·00                             | 100·00 |

TABLE 17. — *Marriages given Quarterly for Ten Years.*

| YEARS.       | 1ST QUARTER. |               | 2D QUARTER. |               | 3D QUARTER. |               | 4TH QUARTER. |               |
|--------------|--------------|---------------|-------------|---------------|-------------|---------------|--------------|---------------|
|              | Nos.         | Percent-ages. | Nos.        | Percent-ages. | Nos.        | Percent-ages. | Nos.         | Percent-ages. |
| 1890, . . .  | 3,852        | 18·48         | 5,746       | 27·58         | 4,984       | 23·92         | 6,256        | 30·02         |
| 1891, . . .  | 4,154        | 19·17         | 5,762       | 26·58         | 5,107       | 23·56         | 6,652        | 30·69         |
| 1892*, . . . | 4,389        | 19·50         | 6,138       | 27·28         | 5,269       | 23·42         | 6,706        | 29·80         |
| 1893,† . . . | 4,591        | 20·13         | 6,862       | 30·10         | 5,201       | 22·81         | 6,146        | 26·96         |
| 1894, . . .  | 3,775        | 18·31         | 5,705       | 27·67         | 4,842       | 23·48         | 6,297        | 30·54         |
| 1895, . . .  | 4,284        | 18·55         | 6,187       | 26·78         | 5,523       | 23·90         | 7,108        | 30·77         |
| 1896, . . .  | 4,434        | 18·75         | 6,956       | 28·99         | 5,561       | 23·52         | 6,800        | 28·74         |
| 1897, . . .  | 4,489        | 19·49         | 6,497       | 28·20         | 5,331       | 23·14         | 6,721        | 29·17         |
| 1898, . . .  | 4,357        | 19·68         | 6,346       | 28·66         | 4,884       | 22·06         | 6,555        | 29·60         |
| 1899, . . .  | 3,963        | 16·85         | 7,906       | 29·36         | 5,386       | 22·90         | 7,268        | 30·89         |
| Average, .   | 4,229        | 18·99         | 6,411       | 27·12         | 5,209       | 23·47         | 6,651        | 29·72         |

\* Five marriages are excluded as the dates are unknown.

† Fourteen marriages are excluded as the dates are unknown.

TABLE 18. — *Ages at Marriage of 23,523 Men and of 23,523 Women in 1899.*

|  | Under 20. | 20 to 25. | 25 to 30. | 30 to 35. | 35 to 40. | 40 to 45. | 45 to 50. | 50 to 55. | 55 to 60. | 60 to 65. | 65 to 70. | 70 to 75. | 75 to 80. | (Over 80. | Unknown. |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|
| Men, . . . . .   | 374       | 7,642     | 8,038     | 8,579     | 1,750     | 891       | 489       | 297       | 224       | 110       | 74        | 33        | 16        | 6         | —        |
| Women, . . . . .   | 3,370     | 10,090    | 5,813     | 2,122     | 1,090     | 484       | 300       | 126       | 69        | 34        | 19        | 6         | —         | —         | —        |
| <i>Ages at Marriage of 20,509 Bachelors and of 21,233 Maids.</i> |           |           |           |           |           |           |           |           |           |           |           |           |           |           |          |
| Bachelors, . . . . .   | 374       | 7,598     | 7,697     | 3,058     | 1,137     | 409       | 156       | 43        | 25        | 10        | 2         | —         | —         | —         | —        |
| Maids, . . . . .   | 3,359     | 9,910     | 5,358     | 1,636     | 612       | 217       | 85        | 37        | 12        | 4         | 2         | 1         | —         | —         | —        |
| <i>Ages at Marriage of 3,014 Widowers and of 2,290 Widows.</i>   |           |           |           |           |           |           |           |           |           |           |           |           |           |           |          |
| Widowers, . . . . .  | —         | 44        | 341       | 521       | 613       | 482       | 333       | 254       | 199       | 100       | 72        | 33        | 16        | 6         | —        |
| Widows, . . . . .  | 11        | 180       | 455       | 486       | 478       | 267       | 215       | 89        | 57        | 30        | 17        | 5         | —         | —         | —        |

The approximate average age of 23,523 men married in 1899 was . . . . . 29.19  
 “ “ of 23,523 women married in 1899 was . . . . . 25.56  
 “ “ of 20,509 men marrying for the first time in 1899 was . . . . . 27.34  
 “ “ of 21,233 women marrying for the first time in 1899 was . . . . . 24.33

In table 18 is presented a summary of the number of persons married at different ages. These are classified by sexes, and by their conjugal condition before marriage. The approximate average of each class is also given.

The number of men married in 1899 under twenty years of age was 1·6 per cent. of the whole number of men married whose ages were known, which was .1 less than the percentage of the same class in 1899; and the number of women married who were under twenty years of age was 14·3 of the whole number married whose ages were known as compared with 15·0 per cent. in 1898 and 15·2 per cent. in 1897.

The number of men who were married between the ages of twenty and twenty-five was 32·5 per cent. of the whole number, and the number of women married at the same age was 42·9 per cent. as compared with 33·6 for the men and 43·3 per cent. for the women in 1898. The number of men who married between twenty-five and thirty was 34·2 of the whole number and the number of women was 24·7 per cent. of the whole number as compared with 33·6 per cent. for men and 24·2 for women in 1898.

Seven hundred and sixty men and 254 women married after having attained the age of fifty years; 22 men were over seventy-five years of age at the time of marriage and six men were over eighty.

TABLE 19. — *Average Ages at Marriage, 1880-1899.*

| YEARS.      | Average Age<br>of all<br>Bridegrooms. | Average Age<br>of all<br>Brides. | Average Age of<br>Men Marrying for<br>the First Time. | Average Age of<br>Women Marrying<br>for the First Time. |
|-------------|---------------------------------------|----------------------------------|---|---|
| 1879, . . . | 28·2                                  | 25·2                             | 26·7  | 23·9  |
| 1880, . . . | 28·9                                  | 25·1                             | 26·5  | 23·8  |
| 1881, . . . | 23·8                                  | 25·1                             | 26·5  | 23·9  |
| 1882, . . . | 29·2                                  | 25·4                             | 26·5  | 23·9  |
| 1883, . . . | 28·8                                  | 25·3                             | 26·6  | 23·4  |
| 1884, . . . | 29·1                                  | 25·1                             | 26·6  | 24·1  |
| 1885, . . . | 29·2                                  | 25·3                             | 26·8  | 24·2  |
| 1886, . . . | 28·9                                  | 25·3                             | 26·9  | 24·2  |
| 1887, . . . | 29·0                                  | 25·5                             | 26·8  | 24·4  |
| 1888, . . . | 28·9                                  | 25·5                             | 26·8  | 24·4  |
| 1889, . . . | 29·1                                  | 25·8                             | 26·9  | 24·5  |

TABLE 19. — *Average Ages at Marriage, 1880-1899 — Concluded.*

| YEARS.      | Average Age of all Brides. | Average Age of all Brides. | Average Age of Men Marrying for the First Time. | Average Age of Women Marrying for the First Time. |
|-------------|----------------------------|----------------------------|---|---|
| 1890, . . . | 28.8                       | 25.5                       | 27.2  | 24.3  |
| 1891, . . . | 28.6                       | 25.4                       | 26.8  | 24.2  |
| 1892, . . . | 28.8                       | 25.4                       | 26.7  | 24.3  |
| 1893, . . . | 28.8                       | 25.5                       | 26.9  | 24.4  |
| 1894, . . . | 29.1                       | 25.0                       | 26.9  | 23.7  |
| 1895, . . . | 28.9                       | 23.2                       | 26.7  | 24.4  |
| 1896, . . . | 29.1                       | 25.6                       | 27.1  | 24.4  |
| 1897, . . . | 29.1                       | 24.8                       | 27.1  | 24.5  |
| 1898, . . . | 29.2                       | 25.7                       | 27.4  | 24.4  |
| 1899, . . . | 29.2                       | 25.6                       | 27.3  | 24.3  |

In table 19 are presented the average ages at marriage of all persons of both sexes for a period of twenty years, and of persons married for the first time for the same period. The average age of women marrying for the first time was .2 of one per cent. less than in 1897 and .1 of one per cent. less than in any year since 1894.

TABLE 20. — *Persons Married who were less than Twenty Years Old.*

| AGES.               | NUMBERS. |          |
|---------------------|----------|----------|
|                     | Males.   | Females. |
| 14 years, . . . . . | —        | 6        |
| 15 " . . . . .      | —        | 28       |
| 16 " . . . . .      | —        | 139      |
| 17 " . . . . .      | 9        | 414      |
| 18 " . . . . .      | 102      | 1,264    |
| 19 " . . . . .      | 263      | 1,519    |
| Totals, . . . . .   | 374      | 3,370    |

Table 20 presents the number of persons married in 1899 who were under twenty years of age.

TABLE 21. — *Conjugal Condition of Persons Married, 1899.*

| MALES.           | Whole No.<br>of<br>Marriages. | FEMALES.           |                          |                         |                          |                         |               |
|------------------|-------------------------------|--------------------|--------------------------|-------------------------|--------------------------|-------------------------|---------------|
|                  |                               | First<br>Marriage. | Second<br>Mar-<br>riage. | Third<br>Mar-<br>riage. | Fourth<br>Mar-<br>riage. | Fifth<br>Mar-<br>riage. | Un-<br>known. |
| Whole number,    | 23,523                        | 21,233             | 2,192                    | 95                      | 3                        | —                       | —             |
| First marriage,  | 20,509                        | 19,285             | 1,196                    | 28                      | —                        | —                       | —             |
| Second marriage, | 2,773                         | 1,839              | 889                      | 43                      | 2                        | —                       | —             |
| Third marriage,  | 219                           | 100                | 96                       | 23                      | —                        | —                       | —             |
| Fourth marriage, | 20                            | 8                  | 11                       | 1                       | —                        | —                       | —             |
| Fifth marriage,  | 2                             | 1                  | —                        | —                       | 1                        | —                       | —             |
| Unknown,         | —                             | —                  | —                        | —                       | —                        | —                       | —             |

In table 21 is given a statement of the number of persons who were married in 1899, with reference to their conjugal condition; the essential data of this table have already been commented on, and repetition is deemed unnecessary.

TABLE 22. — *Marriages according to Nativity. — Percentages for Twenty Years.*

| YEARS. | Both Parties<br>Native Born. | Both Parties<br>Foreign Born. | Native-born<br>Groom and<br>Foreign-born<br>Bride. | Foreign-born<br>Groom and<br>Native-born<br>Bride. | Not stated. |
|--------|------------------------------|-------------------------------|--|--|-------------|
| 1880,  | 60·15                        | 21·77                         | 8·97   | 9·09   | ·02         |
| 1881,  | 58·12                        | 23·36                         | 9·97   | 8·52   | ·03         |
| 1882,  | 55·74                        | 25·56                         | 9·86   | 8·81   | ·03         |
| 1883,  | 54·98                        | 26·13                         | 9·99   | 8·85   | ·05         |
| 1884,  | 52·89                        | 27·37                         | 10·84  | 8·88   | ·02         |
| 1885,  | 53·21                        | 26·55                         | 11·04  | 9·17   | ·03         |
| 1886,  | 51·46                        | 27·90                         | 11·18  | 9·43   | ·02         |
| 1887,  | 49·85                        | 29·02                         | 11·55  | 9·56   | ·02         |
| 1888,  | 48·03                        | 30·61                         | 11·64  | 9·67   | ·04         |
| 1889,  | 46·94                        | 31·47                         | 12·11  | 9·47   | ·01         |
| 1890,  | 46·11                        | 31·50                         | 11·97  | 10·35  | ·01         |
| 1891,  | 45·87                        | 32·37                         | 11·58  | 10·15  | ·04         |
| 1892,  | 44·57                        | 33·98                         | 11·37  | 10·08  | —           |
| 1893,  | 43·96                        | 34·49                         | 11·55  | 9·97   | ·03         |
| 1894,  | 44·44                        | 33·64                         | 11·68  | 10·24  | —           |
| 1895,  | 44·55                        | 33·29                         | 11·79  | 10·36  | ·01         |
| 1896,  | 43·97                        | 33·48                         | 11·97  | 10·55  | ·03         |
| 1897,  | 43·63                        | 33·88                         | 12·08  | 10·38  | ·03         |
| 1898,  | 43·58                        | 33·32                         | 12·31  | 10·77  | ·02         |
| 1899,  | 43·79                        | 32·87                         | 12·53  | 10·79  | ·02         |

In table 22 are presented the percentages for a period of twenty years, 1880–1899, of marriages with reference to the nativity of groom and bride. By this table it appears that there has been in the percentage of the native born a general decrease up to 1899. The percentages of the foreign born on the other hand show a general increase with a few exceptions varied inversely with the former. In the class of marriages of persons of mixed parentage there has been an increase with considerable uniformity in the whole period.

TABLE 23. — *Marriages per 1,000 of Population.*

|                               | AVERAGE. |       |       |       |
|-------------------------------|----------|-------|-------|-------|
|                               | 1871-90. | 1891. | 1892. | 1893. |
| Massachusetts, . . . . .      | 18·12    | 18·9  | 19·2  | 19·0  |
| Hungary (15 years), . . . . . | 19·1     | 17·2  | 18·4  | 18·6  |
| Prussia, . . . . .            | 16·7     | 16·3  | 16·1  | 16·1  |
| German Empire, . . . . .      | 16·4     | 16·1  | 15·9  | 15·8  |
| Austria, . . . . .            | 16·3     | 15·4  | 15·6  | —     |
| England and Wales, . . . . .  | 15·6     | 15·6  | 15·4  | 14·7  |
| Italy, . . . . .              | 15·6     | 15·0  | 15·0  | 14·7  |
| France, . . . . .             | 15·4     | 15·0  | 15·2  | —     |
| Denmark, . . . . .            | 15·2     | 13·6  | 13·6  | 14·1  |
| Holland, . . . . .            | 15·1     | 14·2  | 14·4  | 14·6  |
| Switzerland, . . . . .        | 14·7     | 14·4  | 14·8  | 14·7  |
| United Kingdom, . . . . .     | 14·4     | 14·6  | 14·5  | 13·9  |
| Belgium, . . . . .            | 14·2     | 14·8  | 15·4  | 15·2  |
| Scotland, . . . . .           | 13·9     | 13·9  | 14·1  | 13·2  |
| Norway, . . . . .             | 13·7     | 13·2  | 12·7  | 12·8  |
| Sweden, . . . . .             | 13·1     | 11·7  | 11·4  | —     |
| Ireland, . . . . .            | 9·0      | 9·2   | 9·3   | 9·4   |

In table 23 are presented the marriage rates of various foreign countries and of Massachusetts for the years 1891–2–3, together with the average for the twenty years 1871–1890. For this table the editor is indebted to the work before mentioned of Prof. Mayo-Smith of Columbia College.

## DIVORCES.

The causes for which divorce from the bonds of matrimony may be granted in Massachusetts as set forth in the Public Statutes are as follows : —

1. Adultery.
2. Impotency.
3. Sentence to imprisonment at hard labor for five years or more.
4. Desertion for three consecutive years next prior to the filing of the libel.
5. Separation without consent, and union with a religious sect or society holding the relation of husband and wife unlawful.
6. Extreme cruelty.
7. Gross and confirmed habits of intoxication.
8. Cruel and abusive treatment.
9. Neglect to provide.
10. Gross and confirmed drunkenness from opium or other drugs.

A marriage may be declared void in consequence of violation of the provisions of the laws concerning marriage; that is, a separation may be granted because of the demonstration of conditions obtaining at the time of, or previous to the alleged marriage which show that there never was a legal marriage. It appears that no separation for such cause was decreed till 1886 when one such divorce was granted to a male in Worcester county.

For at least a quarter of a century no divorces have been granted on the ground of union with a religious sect holding the relation of husband and wife unlawful.

The causes for which divorces were granted in Massachusetts in 1899, were as follows : —

- |                                 |                         |
|---------------------------------|-------------------------|
| 1. Adultery.                    | 5. Imprisonment.        |
| 2. Cruel and abusive treatment. | 6. Intoxication.        |
| 3. Desertion.                   | 7. Neglect to provide.  |
| 4. Extreme cruelty.             | 8. Nullity of marriage. |

It appears that in the year 1899 the whole number of divorces granted was 1,163 which is 19 less than the whole number



granted in the year 1898, but 40 more than the number granted in 1897; and it further appears by reference to former reports that the total number of divorces granted in 1899 is greater by 178 than the average number granted in the ten year period 1890–1899.

*Causes.* — Of the whole number of divorces granted in 1899, 219, or 18·8 per cent., were granted on the ground of adultery, as compared with 20·6 per cent. in 1898, and 18·2 per cent. in 1897, while for the ten year period 1890–1899 the average percentage was 19·7. The percentage of divorces granted on the ground of desertion (total 532) was in 1899, 45·74. In 1898 the percentage was 42·30 and in 1897 45·77 while for the ten year period it was 46·89. Although refusal to cohabit is mentioned in the statutes as a cause for divorce it must be accompanied with alliance with a religious sect holding the relation of husband and wife unlawful. The single case of libel brought on the ground of refusal to cohabit alleged that this refusal was cruelty, but the court held that it was not the kind of cruelty on which a divorce could be granted, and as previously stated, there is no case reported where the ground alleged was alliance with a religious sect holding the marital relation unlawful.

On pages 148–163 may be found the statistics relating to divorces in Massachusetts for the period of ten years ending with 1899. The number for each county is specified for each year of the period, the sexes in favor of which they were granted, and the causes for which they were granted.

During the period embraced in the tables (1890–1899) 10,046 divorces were granted, a total greater by 407 than the number granted in the ten years ending in 1898.

*Sex.* — Of the whole number granted in the ten year period 7,022, or 69·89 per cent., were granted on complaint of the wife.

Of the divorces granted on the ground of adultery, 999 or 51·4 per cent. were decreed to the wife; of those on account of desertion, 63·19 per cent.; of those on account of intoxication, 82·74 per cent.; of those on account of extreme cruelty, 98·41 per cent.; of those on account of cruel and abusive

treatment, 97·01 per cent. ; and of those on account of neglect to provide, 100 per cent.

*Causes.*—Of the whole number of divorces granted in the period of ten years ending with 1899, 1,985 or 19·8 per cent., were granted on account of adultery ; 4,711 or 46·9 per cent., on account of desertion ; 1,298 or 12·92 per cent., on account of intoxication ; 439 or 4·4 per cent., on account of extreme cruelty ; 1,170 or 11·6 per cent., on account of cruel and abusive treatment ; and 314 or 3·1 per cent., on account of neglect to provide.

*Counties.*—The percentages of divorce granted on account of adultery as compared with the total number decreed in each county, are as follows for the ten years ending in 1899, beginning with the county having the highest percentage.

|                       |      |                                |      |
|-----------------------|------|--------------------------------|------|
| Bristol, . . . . .    | 24·2 | Plymouth, . . . . .            | 17·4 |
| Suffolk, . . . . .    | 22·4 | Worcester, . . . . .           | 17·0 |
| Middlesex, . . . . .  | 20·8 | Berkshire, . . . . .           | 14·9 |
| Barnstable, . . . . . | 19·5 | Hampden, . . . . .             | 14·9 |
| Essex, . . . . .      | 19·2 | Norfolk, . . . . .             | 13·9 |
| Hampshire, . . . . .  | 18·3 | Dukes and Nantucket, . . . . . | 3·2  |
| Franklin, . . . . .   | 17·8 |                                |      |

For desertion the percentages are as follows : —

|                       |      |                                |      |
|-----------------------|------|--------------------------------|------|
| Barnstable, . . . . . | 59·7 | Middlesex, . . . . .           | 47·8 |
| Norfolk, . . . . .    | 55·2 | Worcester, . . . . .           | 46·1 |
| Essex, . . . . .      | 53·4 | Dukes and Nantucket, . . . . . | 45·2 |
| Plymouth, . . . . .   | 50·2 | Suffolk, . . . . .             | 44·7 |
| Franklin, . . . . .   | 49·0 | Hampden, . . . . .             | 43·6 |
| Hampshire, . . . . .  | 48·6 | Bristol, . . . . .             | 39·8 |
| Berkshire, . . . . .  | 47·8 |                                |      |

For intoxication the percentages are as follows : —

|                                |      |                       |      |
|--------------------------------|------|-----------------------|------|
| Hampden, . . . . .             | 20·3 | Suffolk, . . . . .    | 12·3 |
| Dukes and Nantucket, . . . . . | 16·1 | Middlesex, . . . . .  | 12·2 |
| Bristol, . . . . .             | 15·8 | Franklin, . . . . .   | 10·8 |
| Worcester, . . . . .           | 15·8 | Plymouth, . . . . .   | 10·2 |
| Berkshire, . . . . .           | 14·5 | Essex, . . . . .      | 9·3  |
| Hampshire, . . . . .           | 13·4 | Barnstable, . . . . . | 8·4  |
| Norfolk, . . . . .             | 13·2 |                       |      |

For extreme cruelty the percentages are as follows :—

|                                |      |                      |     |
|--------------------------------|------|----------------------|-----|
| Middlesex, . . . . .           | 12·3 | Bristol, . . . . .   | 3·2 |
| Dukes and Nantucket, . . . . . | 9·7  | Essex, . . . . .     | 3·1 |
| Barnstable, . . . . .          | 4·7  | Franklin, . . . . .  | 2·5 |
| Berkshire, . . . . .           | 3·8  | Suffolk, . . . . .   | 2·4 |
| Hampden, . . . . .             | 3·7  | Norfolk, . . . . .   | 2·2 |
| Plymouth, . . . . .            | 3·7  | Worcester, . . . . . | 2·2 |
| Hampshire, . . . . .           | 3·5  |                      |     |

In table 24 are presented the ratios of divorces to marriages in each year for the period of ten years ending with 1899. The ratio for the entire period was one to 22·3.

The highest ratio was in 1894, one to 18·6, and the lowest one to 31·9 in 1890.

For the year 1899 it was one to 17·2 which was the highest ratio of any year in the whole period except 1894, 1897 and 1898.

The average marriage rate for the ten years (1890–1899) was 18·12 per 1,000 of the population. For the ten years 1880–1889 it was 18·43 which shows an increase in the decade 1890–1899 of ·31 per 1,000 of the population.

Comparing the same periods with reference to the ratio of divorces to marriages, it appears that there was from one to 32·7 in the former period to one in 22·3 in the latter.

TABLE 24. — *Ratio of Divorces to Marriages. — Ten Years.*

| YEARS.               | Number of Marriages. | Marriage-rates per 1,000. | Number of Divorces. | Ratio of Divorces to Marriages. |
|----------------------|----------------------|---------------------------|---------------------|---------------------------------|
| 1890, . . . . .      | 20,838               | 18·62                     | 654                 | 1 to 31·9                       |
| 1891, . . . . .      | 21,675               | *19·01                    | 798                 | 1 to 27·1                       |
| 1892, . . . . .      | 22,507               | *19·24                    | 790                 | 1 to 28·5                       |
| 1893, . . . . .      | 22,814               | *19·07                    | 1,045               | 1 to 21·8                       |
| 1894, . . . . .      | 20,619               | *16·86                    | 1,107               | 1 to 18·6                       |
| 1895, . . . . .      | 23,102               | 18·48                     | 954                 | 1 to 24·2                       |
| 1896, . . . . .      | 23,651               | *18·51                    | 1,230               | 1 to 19·2                       |
| 1897, . . . . .      | 23,038               | *17·64                    | 1,123               | 1 to 20·6                       |
| 1898, . . . . .      | 22,142               | *16·58                    | 1,182               | 1 to 18·7                       |
| 1899, . . . . .      | 23,523               | *17·20                    | 1,163               | 1 to 20·2                       |
| Totals and averages, | 223,909              | 18·12                     | 10,046              | 1 to 22·3                       |

\* Estimated.

TABLE 25. — *Ratio of Total Number of Divorces to Total Number of Marriages by Counties and Causes. — Ten Years, 1890-1899.*

| COUNTIES.                      | ADULTERY.           |                                 | DESERTION.          |                                 | INTOXICATION.       |                                 | EXTREME CRUELTY.    |                                 | ALL OTHER CAUSES.   |                                 |
|--------------------------------|---------------------|---------------------------------|---------------------|---------------------------------|---------------------|---------------------------------|---------------------|---------------------------------|---------------------|---------------------------------|
|                                | Number of Divorces. | Ratio of Divorces to Marriages. | Number of Divorces. | Ratio of Divorces to Marriages. | Number of Divorces. | Ratio of Divorces to Marriages. | Number of Divorces. | Ratio of Divorces to Marriages. | Number of Divorces. | Ratio of Divorces to Marriages. |
| Barnstable, . . . . .          | 21                  | 1 to 101.3                      | 64                  | 1 to 33.2                       | 9                   | 1 to 236.3                      | 5                   | 1 to 425.4                      | 18                  | 1 to 118.0                      |
| Berkshire, . . . . .           | 51                  | 1 to 121.5                      | 164                 | 1 to 37.8                       | 50                  | 1 to 123.9                      | 13                  | 1 to 276.6                      | 65                  | 1 to 93.8                       |
| Bristol, . . . . .             | 176                 | 1 to 119.7                      | 290                 | 1 to 72.7                       | 115                 | 1 to 183.3                      | 23                  | 1 to 916.5                      | 124                 | 1 to 169.9                      |
| Dukes and Nantucket, . . . . . | 1                   | 1 to 524.0                      | 14                  | 1 to 37.4                       | 5                   | 1 to 104.8                      | 3                   | 1 to 174.7                      | 8                   | 1 to 65.5                       |
| Essex, . . . . .               | 28,437              | 1 to 98.8                       | 793                 | 1 to 35.9                       | 140                 | 1 to 200.3                      | 48                  | 1 to 592.5                      | 242                 | 1 to 118.4                      |
| Franklin, . . . . .            | 2,993               | 1 to 106.9                      | 77                  | 1 to 38.9                       | 17                  | 1 to 176.0                      | 4                   | 1 to 748.2                      | 30                  | 1 to 96.5                       |
| Hampden, . . . . .             | 14,155              | 1 to 152.2                      | 271                 | 1 to 52.2                       | 126                 | 1 to 112.3                      | 23                  | 1 to 615.5                      | 109                 | 1 to 129.9                      |
| Hampshire, . . . . .           | 4,257               | 1 to 163.8                      | 69                  | 1 to 61.7                       | 19                  | 1 to 224.0                      | 5                   | 1 to 851.4                      | 22                  | 1 to 193.5                      |
| Middlesex, . . . . .           | 45,016              | 1 to 137.2                      | 738                 | 1 to 60.9                       | 193                 | 1 to 233.2                      | 195                 | 1 to 233.9                      | 122                 | 1 to 269.0                      |
| Norfolk, . . . . .             | 9,274               | 1 to 210.7                      | 175                 | 1 to 53.0                       | 42                  | 1 to 220.8                      | 7                   | 1 to 1324.9                     | 49                  | 1 to 189.3                      |
| Plymouth, . . . . .            | 7,805               | 1 to 91.8                       | 245                 | 1 to 31.9                       | 50                  | 1 to 156.1                      | 18                  | 1 to 433.6                      | 90                  | 1 to 86.7                       |
| Suffolk, . . . . .             | 60,407              | 1 to 91.8                       | 1,316               | 1 to 45.9                       | 362                 | 1 to 166.9                      | 71                  | 1 to 850.8                      | 532                 | 1 to 113.5                      |
| Worcester, . . . . .           | 25,639              | 1 to 140.1                      | 495                 | 1 to 51.8                       | 170                 | 1 to 150.8                      | 24                  | 1 to 106.8                      | 202                 | 1 to 126.9                      |
| The State, . . . . .           | 1,985               | 1 to 114.9                      | 4,711               | 1 to 48.4                       | 1,298               | 1 to 175.5                      | 439                 | 1 to 519.2                      | 1,613               | 1 to 141.3                      |

TABLE 26. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*  
THE STATE.

| YEARS.  | ADULTERY. |          |             | DESERTION. |          |             | INTOXICATION. |          |             | EXTREME CRUELTY. |          |             | CRUEL AND ABUSIVE TREATMENT. |          |             | NEGLECT TO PROVIDE. |          |             | IMPRISONMENT. |          |             | IMPO- TENCY. |          |             | NULLITY OF MAR- RIAGE. |          |             | TOTALS. |        |  |
|---------|-----------|----------|-------------|------------|----------|-------------|---------------|----------|-------------|------------------|----------|-------------|------------------------------|----------|-------------|---------------------|----------|-------------|---------------|----------|-------------|--------------|----------|-------------|------------------------|----------|-------------|---------|--------|--|
|         | Males.    | Females. | Both Sexes. | Males.     | Females. | Both Sexes. | Males.        | Females. | Both Sexes. | Males.           | Females. | Both Sexes. | Males.                       | Females. | Both Sexes. | Males.              | Females. | Both Sexes. | Males.        | Females. | Both Sexes. | Males.       | Females. | Both Sexes. | Males.                 | Females. | Both Sexes. |         |        |  |
|         |           |          |             |            |          |             |               |          |             |                  |          |             |                              |          |             |                     |          |             |               |          |             |              |          |             |                        |          |             |         |        |  |
| 1890, . | 67        | 69       | 136         | 136        | 199      | 335         | 14            | 74       | 88          | 17               | 17       | 3           | 56                           | 56       | 11          | 11                  | 11       | 3           | 3             | 3        | 1           | 1            | 1        | 3           | 4                      | 7        | 220         | 434     | 654    |  |
| 1891, . | 69        | 71       | 140         | 153        | 236      | 389         | 16            | 93       | 109         | 39               | 39       | 3           | 91                           | 94       | 18          | 18                  | 18       | 2           | 2             | 2        | 1           | 1            | 2        | 1           | 4                      | 5        | 243         | 555     | 799    |  |
| 1892, . | 86        | 80       | 166         | 132        | 244      | 376         | 21            | 83       | 104         | 18               | 18       | 4           | 82                           | 86       | 29          | 29                  | 29       | 4           | 4             | 4        | 1           | 1            | 1        | 3           | 3                      | 6        | 246         | 544     | 790    |  |
| 1893, . | 106       | 113      | 219         | 191        | 307      | 498         | 22            | 118      | 140         | 25               | 26       | 1           | 133                          | 134      | 16          | 16                  | 16       | 1           | 4             | 5        | 1           | 1            | 1        | 3           | 3                      | 6        | 325         | 720     | 1,045  |  |
| 1894, . | 104       | 117      | 221         | 172        | 339      | 511         | 26            | 128      | 154         | 2                | 56       | 58          | 4                            | 114      | 118         | 32                  | 32       | 4           | 4             | 4        | 1           | 1            | 1        | 3           | 6                      | 9        | 311         | 796     | 1,107  |  |
| 1895, . | 90        | 93       | 183         | 175        | 298      | 473         | 13            | 88       | 101         | 3                | 64       | 67          | 2                            | 88       | 90          | 30                  | 30       | 1           | 1             | 1        | 1           | 1            | 1        | 4           | 4                      | 8        | 288         | 666     | 954    |  |
| 1896, . | 121       | 133      | 254         | 222        | 361      | 583         | 24            | 130      | 154         | 65               | 65       | 6           | 118                          | 124      | 39          | 39                  | 1        | 5           | 6             | 1        | 1           | 1            | 2        | 3           | 5                      | 376      | 854         | 1,230   |        |  |
| 1897, . | 95        | 109      | 204         | 185        | 329      | 514         | 24            | 99       | 123         | 2                | 59       | 61          | 5                            | 142      | 147         | 54                  | 54       | 3           | 3             | 3        | 1           | 2            | 3        | 7           | 14                     | 319      | 804         | 1,123   |        |  |
| 1898, . | 130       | 113      | 243         | 191        | 309      | 500         | 32            | 118      | 150         | 30               | 30       | 7           | 177                          | 184      | 58          | 58                  | 6        | 6           | 6             | 6        | 5           | 5            | 1        | 5           | 6                      | 361      | 821         | 1,182   |        |  |
| 1899, . | 118       | 101      | 219         | 177        | 355      | 532         | 32            | 143      | 175         | 1                | 57       | 58          | 3                            | 134      | 137         | 27                  | 27       | 6           | 6             | 6        | 1           | 1            | 1        | 4           | 5                      | 9        | 335         | 828     | 1,163  |  |
| Totals, | 986       | 999      | 1,985       | 1,734      | 2,977    | 4,711       | 224           | 1,074    | 1,298       | 9                | 430      | 439         | 35                           | 1,135    | 1,170       | 314                 | 314      | 2           | 38            | 40       | 3           | 11           | 14       | 31          | 44                     | 75       | 3,024       | 7,022   | 10,046 |  |

TABLE 27. — *Divorces Granted, by Years and Statute Causes, — Ten Years.*  
BARNSTABLE COUNTY.

| YEARS.  | ADULTERY. |          |             | DESERTION. |          |             | INTOXICATION. |          |             | EXTREME CRUELTY. |          |             | CRUEL AND ABUSIVE TREATMENT. |          |             | NEGLECT TO PROVIDE. |          |             | TOTALS. |          |             |
|---------|-----------|----------|-------------|------------|----------|-------------|---------------|----------|-------------|------------------|----------|-------------|------------------------------|----------|-------------|---------------------|----------|-------------|---------|----------|-------------|
|         | Males.    | Females. | Both Sexes. | Males.     | Females. | Both Sexes. | Males.        | Females. | Both Sexes. | Males.           | Females. | Both Sexes. | Males.                       | Females. | Both Sexes. | Males.              | Females. | Both Sexes. | Males.  | Females. | Both Sexes. |
| 1890,   | 2         | 2        | 4           | 3          | 1        | 4           | -             | 2        | 2           | 2                | 2        | -           | -                            | -        | -           | -                   | 1        | 1           | 5       | 9        | 14          |
| 1891,   | -         | 1        | 1           | 4          | -        | 4           | -             | 1        | 1           | -                | -        | -           | -                            | -        | -           | -                   | 1        | 1           | 4       | 3        | 7           |
| 1892,   | 1         | 1        | 2           | 5          | 2        | 7           | -             | 1        | 1           | -                | -        | -           | -                            | -        | -           | -                   | -        | -           | 6       | 4        | 10          |
| 1893,   | 1         | -        | 1           | 3          | 5        | 8           | -             | -        | -           | -                | -        | -           | 1                            | 1        | 1           | -                   | -        | -           | 4       | 6        | 10          |
| 1894,   | -         | 1        | 1           | 3          | 3        | 6           | -             | -        | -           | -                | -        | -           | -                            | 3        | 3           | -                   | -        | -           | 3       | 7        | 10          |
| 1895,   | 4         | -        | 4           | 2          | 4        | 6           | -             | -        | -           | 1                | 1        | -           | -                            | 3        | 3           | -                   | -        | -           | 6       | 8        | 14          |
| 1896,   | 1         | -        | 1           | 4          | 1        | 5           | 1             | 1        | 2           | -                | -        | 1           | 4                            | 5        | 5           | -                   | -        | -           | 7       | 6        | 13          |
| 1897,   | 3         | -        | 3           | 2          | 4        | 6           | -             | 1        | 1           | 1                | 1        | -           | -                            | -        | -           | -                   | -        | -           | 5       | 6        | 11          |
| 1898,   | 1         | 2        | 3           | 6          | 4        | 10          | -             | 2        | 2           | 1                | 1        | -           | 2                            | 2        | 2           | -                   | -        | -           | 7       | 11       | 18          |
| 1899,   | 1         | -        | 1           | 4          | 4        | 8           | -             | -        | -           | -                | -        | -           | 2                            | 2        | 2           | -                   | -        | -           | 5       | 4        | 9           |
| Totals, | 14        | 7        | 21          | 36         | 28       | 64          | 1             | 8        | 9           | 5                | 5        | 1           | 15                           | 16       | 16          | -                   | 2        | 2           | 52      | 66       | 118         |

TABLE 28. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*  
BERKSHIRE COUNTY.

| YEARS.  | ADULTERY. |          |             | DESERTION. |          |             | INTOXICATION. |          |             | EXTREME CRUELTY. |          |             | CRUEL AND ABUSIVE TREATMENT. |          |             | NEGLECT TO PROVIDE. |          |             | IMPRISONMENT. |          |             | IMPOTENCY. |          |             | TOTALS. |          |             |
|---------|-----------|----------|-------------|------------|----------|-------------|---------------|----------|-------------|------------------|----------|-------------|------------------------------|----------|-------------|---------------------|----------|-------------|---------------|----------|-------------|------------|----------|-------------|---------|----------|-------------|
|         | Males.    | Females. | Both Sexes. | Males.     | Females. | Both Sexes. | Males.        | Females. | Both Sexes. | Males.           | Females. | Both Sexes. | Males.                       | Females. | Both Sexes. | Males.              | Females. | Both Sexes. | Males.        | Females. | Both Sexes. | Males.     | Females. | Both Sexes. | Males.  | Females. | Both Sexes. |
| 1890,   | .         | 4        | 4           | 10         | 4        | 14          | —             | 5        | 5           | —                | 1        | 1           | —                            | 3        | 3           | —                   | 1        | 1           | —             | —        | —           | —          | —        | —           | 10      | 18       | 28          |
| 1891,   | .         | 1        | 5           | 7          | 7        | 14          | —             | 5        | 5           | —                | 2        | 2           | —                            | 4        | 4           | —                   | 1        | 1           | —             | —        | —           | —          | —        | —           | 8       | 23       | 31          |
| 1892,   | .         | —        | 2           | 4          | 6        | 10          | —             | 2        | 2           | —                | 2        | 2           | —                            | 4        | 4           | —                   | —        | —           | —             | —        | —           | —          | —        | —           | 4       | 16       | 20          |
| 1893,   | .         | 3        | 6           | 9          | 10       | 19          | —             | 4        | 4           | 1                | —        | 1           | —                            | 1        | 8           | 1                   | 1        | 1           | —             | —        | —           | —          | —        | —           | 14      | 25       | 39          |
| 1894,   | .         | 3        | 4           | 7          | 8        | 15          | —             | 3        | 3           | —                | 3        | 3           | —                            | 1        | 1           | —                   | —        | 1           | —             | —        | —           | —          | —        | —           | 10      | 17       | 27          |
| 1895,   | .         | 3        | 6           | 11         | 10       | 21          | —             | 4        | 4           | —                | 2        | 2           | —                            | 4        | 4           | —                   | 1        | 1           | —             | —        | —           | —          | —        | —           | 14      | 24       | 38          |
| 1896,   | .         | 4        | 6           | 8          | 18       | 26          | —             | 4        | 4           | —                | —        | —           | —                            | 7        | 7           | —                   | 1        | 1           | —             | —        | —           | —          | —        | —           | 12      | 32       | 44          |
| 1897,   | .         | 2        | 2           | 8          | 8        | 16          | 1             | 5        | 6           | —                | 1        | 1           | —                            | 8        | 8           | —                   | —        | —           | —             | —        | —           | —          | —        | —           | 11      | 22       | 33          |
| 1898,   | .         | 4        | 8           | 7          | 8        | 15          | —             | 8        | 8           | —                | 1        | 1           | —                            | 10       | 10          | —                   | —        | —           | —             | —        | —           | —          | —        | —           | 11      | 31       | 42          |
| 1899,   | .         | 6        | 8           | 6          | 8        | 14          | —             | 9        | 9           | —                | —        | —           | —                            | 1        | 8           | —                   | 1        | 1           | —             | —        | —           | —          | —        | —           | 13      | 28       | 41          |
| Totals, | .         | 26       | 25          | 77         | 87       | 164         | 1             | 49       | 50          | 1                | 12       | 13          | 2                            | 55       | 57          | —                   | 7        | 7           | —             | —        | —           | —          | —        | —           | 107     | 236      | 343         |

TABLE 29. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*

## BRISTOL COUNTY.

| YEARS.  | ADULTERY.   |    |          | DESERTION.  |     |          | INTOXICATION. |    |          | EXTREME CRUELTY. |    |          | CRUEL AND ABUSIVE TREATMENT. |    |          | NEGLECT TO PROVIDE. |    |          | IMPRISONMENT. |   |          | INPOTENCY.  |   |          | NULLITY OF MARRIAGE. |   |          | TOTALS.     |     |     |     |
|---------|-------------|----|----------|-------------|-----|----------|---------------|----|----------|------------------|----|----------|------------------------------|----|----------|---------------------|----|----------|---------------|---|----------|-------------|---|----------|----------------------|---|----------|-------------|-----|-----|-----|
|         | Males.      |    | Females. | Males.      |     | Females. | Males.        |    | Females. | Males.           |    | Females. | Males.                       |    | Females. | Males.              |    | Females. | Males.        |   | Females. | Males.      |   | Females. | Males.               |   | Females. | Both Sexes. |     |     |     |
|         | Both Sexes. |    |          | Both Sexes. |     |          | Both Sexes.   |    |          | Both Sexes.      |    |          | Both Sexes.                  |    |          | Both Sexes.         |    |          | Both Sexes.   |   |          | Both Sexes. |   |          | Both Sexes.          |   |          | Both Sexes. |     |     |     |
| 1890,   | 4           | 14 | 18       | 11          | 12  | 23       | 1             | 5  | 6        | -                | -  | -        | 2                            | 2  | 1        | 1                   | 1  | -        | -             | - | -        | -           | - | -        | -                    | - | 16       | 34          | 50  |     |     |
| 1891,   | 6           | 5  | 11       | 6           | 12  | 18       | 1             | -  | 1        | -                | 7  | 7        | -                            | 4  | 4        | 3                   | 3  | -        | -             | - | -        | 1           | 1 | -        | -                    | - | 13       | 32          | 45  |     |     |
| 1892,   | 9           | 4  | 13       | 7           | 16  | 23       | 2             | 9  | 11       | -                | 4  | 4        | -                            | 1  | 1        | -                   | -  | -        | -             | - | -        | -           | - | -        | -                    | - | 18       | 34          | 52  |     |     |
| 1893,   | 7           | 8  | 15       | 13          | 15  | 28       | 1             | 10 | 11       | -                | 1  | 1        | -                            | 10 | 10       | 1                   | 1  | -        | -             | - | -        | -           | - | -        | -                    | - | 21       | 47          | 68  |     |     |
| 1894,   | 13          | 10 | 23       | 14          | 15  | 29       | 6             | 14 | 20       | -                | 2  | 2        | -                            | 11 | 11       | -                   | 4  | 4        | -             | - | -        | -           | - | -        | -                    | - | 34       | 56          | 90  |     |     |
| 1895,   | 6           | 4  | 10       | 7           | 31  | 38       | 4             | 8  | 12       | -                | 2  | 2        | -                            | 10 | 10       | -                   | 1  | 1        | -             | - | -        | -           | - | -        | -                    | - | 18       | 57          | 75  |     |     |
| 1896,   | 15          | 10 | 25       | 12          | 19  | 31       | 2             | 13 | 15       | -                | -  | -        | 1                            | 12 | 13       | -                   | 4  | 4        | -             | - | -        | -           | - | -        | -                    | - | 31       | 59          | 90  |     |     |
| 1897,   | 8           | 11 | 19       | 12          | 25  | 37       | -             | 14 | 14       | -                | 2  | 2        | -                            | 15 | 15       | -                   | 3  | 3        | -             | - | -        | -           | - | -        | -                    | - | 22       | 70          | 92  |     |     |
| 1898,   | 15          | 9  | 24       | 6           | 19  | 25       | 6             | 8  | 14       | -                | 1  | 1        | -                            | 18 | 18       | -                   | 4  | 4        | -             | - | -        | -           | - | -        | -                    | - | 27       | 61          | 88  |     |     |
| 1899,   | 7           | 11 | 18       | 7           | 31  | 38       | 1             | 10 | 11       | -                | 4  | 4        | -                            | 6  | 6        | -                   | 1  | 1        | -             | - | -        | -           | - | -        | -                    | - | 15       | 63          | 78  |     |     |
| Totals, | 90          | 86 | 176      | 95          | 195 | 290      | 24            | 91 | 115      | -                | 23 | 23       | -                            | 1  | 89       | 90                  | 22 | 22       | -             | 2 | 2        | -           | 2 | 2        | -                    | 5 | 3        | 8           | 215 | 513 | 728 |



TABLE 30. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*

## DUKES AND NANTUCKET COUNTIES.

| YEARS.  | ADULTERY. |          |             | DESERTION. |          |             | INTOXICATION. |          |             | EXTREME CRUELTY. |          |             | CRUEL AND ABUSIVE TREATMENT. |          |             | NEGLECT TO PROVIDE. |          |             | TOTALS. |          |             |
|---------|-----------|----------|-------------|------------|----------|-------------|---------------|----------|-------------|------------------|----------|-------------|------------------------------|----------|-------------|---------------------|----------|-------------|---------|----------|-------------|
|         | Males.    | Females. | Both Sexes. | Males.     | Females. | Both Sexes. | Males.        | Females. | Both Sexes. | Males.           | Females. | Both Sexes. | Males.                       | Females. | Both Sexes. | Males.              | Females. | Both Sexes. | Males.  | Females. | Both Sexes. |
| 1890,   | -         | -        | -           | 1          | -        | 1           | -             | -        | -           | -                | 1        | 1           | -                            | -        | -           | -                   | -        | -           | 1       | 1        | 2           |
| 1891,   | -         | -        | -           | 1          | 1        | 2           | -             | -        | -           | -                | -        | -           | -                            | -        | -           | -                   | -        | -           | 1       | 1        | 2           |
| 1892,   | -         | -        | -           | 1          | -        | 1           | -             | 1        | 1           | -                | -        | -           | -                            | 2        | 2           | -                   | -        | -           | 1       | 3        | 4           |
| 1893,   | -         | -        | -           | 1          | -        | 1           | -             | -        | -           | -                | -        | -           | -                            | -        | -           | -                   | -        | -           | 1       | -        | 1           |
| 1894,   | -         | -        | -           | 1          | -        | 1           | -             | 2        | 2           | -                | -        | -           | -                            | 1        | 1           | -                   | -        | -           | 1       | 3        | 4           |
| 1895,   | -         | -        | -           | 4          | 1        | 5           | -             | 1        | 1           | -                | -        | -           | -                            | 2        | 2           | -                   | -        | -           | 4       | 4        | 8           |
| 1896,   | -         | -        | -           | 1          | -        | 1           | -             | -        | -           | -                | 1        | 1           | -                            | 1        | 1           | -                   | -        | -           | 1       | 2        | 3           |
| 1897,   | -         | 1        | 1           | -          | 1        | 1           | -             | -        | -           | -                | -        | -           | -                            | 1        | 1           | -                   | -        | -           | -       | 3        | 3           |
| 1898,   | -         | -        | -           | -          | 1        | 1           | -             | 1        | 1           | -                | 1        | 1           | -                            | 1        | 1           | -                   | -        | -           | -       | 4        | 4           |
| 1899,   | -         | -        | -           | -          | -        | -           | -             | -        | -           | -                | -        | -           | -                            | -        | -           | -                   | -        | -           | -       | -        | -           |
| Totals, | -         | 1        | 1           | 10         | 4        | 14          | -             | 5        | 5           | -                | 3        | 3           | -                            | 8        | 8           | -                   | -        | -           | 10      | 21       | 31          |

TABLE 31. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*

## ESSEX COUNTY.

| YEARS.    | ADULTERY. |          |             | DESERTION. |          |             | INTOXICATION. |          |             | EXTREME CRUELTY. |          |             | CRUEL AND ABUSIVE TREATMENT. |          |             | NEGLECT TO PROVIDE. |          |             | IMPRISONMENT. |          |             | IMPOTENCY. |          |             | TOTALS. |  |  |
|-----------|-----------|----------|-------------|------------|----------|-------------|---------------|----------|-------------|------------------|----------|-------------|------------------------------|----------|-------------|---------------------|----------|-------------|---------------|----------|-------------|------------|----------|-------------|---------|--|--|
|           | Males.    | Females. | Both Sexes. | Males.     | Females. | Both Sexes. | Males.        | Females. | Both Sexes. | Males.           | Females. | Both Sexes. | Males.                       | Females. | Both Sexes. | Males.              | Females. | Both Sexes. | Males.        | Females. | Both Sexes. | Males.     | Females. | Both Sexes. |         |  |  |
| 1890, .   | 12        | 13       | 25          | 24         | 35       | 59          | 5             | 12       | 17          | -                | 4        | 4           | -                            | 9        | 9           | 1                   | 1        | -           | -             | -        | -           | 41         | 74       | 115         |         |  |  |
| 1891, .   | 11        | 5        | 16          | 18         | 34       | 52          | 2             | 7        | 9           | -                | 6        | 6           | 1                            | 18       | 19          | -                   | -        | -           | -             | -        | -           | 32         | 70       | 102         |         |  |  |
| 1892, .   | 9         | 17       | 26          | 16         | 39       | 55          | 2             | 13       | 15          | -                | 5        | 5           | -                            | 16       | 16          | -                   | -        | 1           | 1             | -        | -           | 27         | 91       | 118         |         |  |  |
| 1893, .   | 11        | 14       | 25          | 29         | 40       | 69          | 2             | 11       | 13          | -                | 3        | 3           | -                            | 18       | 18          | -                   | -        | 1           | -             | -        | -           | 43         | 86       | 129         |         |  |  |
| 1894, .   | 19        | 16       | 35          | 31         | 66       | 97          | 3             | 11       | 14          | 1                | 5        | 6           | -                            | 27       | 27          | -                   | 4        | 4           | -             | 1        | -           | 54         | 130      | 181         |         |  |  |
| 1895, .   | 9         | 6        | 15          | 30         | 56       | 86          | -             | 8        | 8           | -                | 2        | 2           | -                            | 18       | 18          | -                   | 1        | 1           | -             | -        | -           | 39         | 91       | 130         |         |  |  |
| 1896, .   | 11        | 24       | 35          | 42         | 89       | 131         | 3             | 17       | 20          | -                | 5        | 5           | -                            | 31       | 31          | -                   | 3        | 3           | 1             | -        | -           | 57         | 169      | 226         |         |  |  |
| 1897, .   | 19        | 17       | 36          | 33         | 51       | 84          | 5             | 5        | 10          | -                | 14       | 14          | 1                            | 16       | 17          | -                   | 5        | 5           | -             | -        | -           | 58         | 108      | 166         |         |  |  |
| 1898, .   | 24        | 21       | 45          | 21         | 53       | 74          | -             | 14       | 14          | -                | 1        | 1           | 1                            | 31       | 32          | -                   | 7        | 7           | -             | -        | -           | 46         | 127      | 173         |         |  |  |
| 1899, .   | 19        | 14       | 33          | 32         | 54       | 86          | 1             | 19       | 20          | -                | 2        | 2           | 1                            | 24       | 25          | -                   | 3        | 3           | -             | -        | -           | 53         | 116      | 169         |         |  |  |
| Totals, . | 144       | 147      | 291         | 276        | 517      | 793         | 23            | 117      | 140         | 1                | 47       | 48          | 4                            | 208      | 212         | -                   | 24       | 24          | 2             | 2        | 4           | -          | 450      | 1,062       | 1,512   |  |  |

TABLE 32. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*  
FRANKLIN COUNTY.

| YEARS.  | ADULTERY. |          |             | DESERTION. |          |             | INTOXICATION. |          |             | EXTREME CRUELTY. |          |             | CRUEL AND ABUSIVE TREATMENT. |          |             | NEGLECT TO PROVIDE. |          |             | IMPRISONMENT. |          |             | TOTALS. |          |             |
|---------|-----------|----------|-------------|------------|----------|-------------|---------------|----------|-------------|------------------|----------|-------------|------------------------------|----------|-------------|---------------------|----------|-------------|---------------|----------|-------------|---------|----------|-------------|
|         | Males.    | Females. | Both Sexes. | Males.     | Females. | Both Sexes. | Males.        | Females. | Both Sexes. | Males.           | Females. | Both Sexes. | Males.                       | Females. | Both Sexes. | Males.              | Females. | Both Sexes. | Males.        | Females. | Both Sexes. | Males.  | Females. | Both Sexes. |
|         |           |          |             |            |          |             |               |          |             |                  |          |             |                              |          |             |                     |          |             |               |          |             |         |          |             |
| 1890,   | 2         | 2        | 4           | -          | 1        | 1           | -             | -        | 2           | -                | -        | -           | -                            | -        | -           | 1                   | 1        | 1           | -             | 1        | 1           | 2       | 7        | 9           |
| 1891,   | -         | 4        | 4           | 2          | 2        | 4           | -             | -        | 1           | -                | 6        | 6           | -                            | -        | -           | -                   | -        | -           | -             | -        | -           | 2       | 13       | 15          |
| 1892,   | -         | 1        | 1           | 3          | 2        | 5           | -             | -        | 1           | -                | 1        | 1           | -                            | 1        | 1           | -                   | -        | -           | -             | -        | -           | 3       | 5        | 8           |
| 1893,   | -         | 2        | 2           | 4          | 2        | 6           | -             | 1        | 1           | -                | -        | -           | -                            | -        | -           | -                   | -        | -           | -             | -        | -           | 4       | 6        | 10          |
| 1894,   | 4         | 1        | 5           | 6          | 4        | 10          | -             | -        | 1           | -                | -        | -           | -                            | 2        | 2           | -                   | -        | -           | -             | 1        | 1           | 10      | 9        | 19          |
| 1895,   | 2         | 1        | 3           | 2          | 7        | 9           | -             | -        | -           | -                | 4        | 4           | -                            | 4        | 4           | -                   | -        | -           | -             | -        | -           | 4       | 12       | 16          |
| 1896,   | 2         | 1        | 3           | 4          | 8        | 12          | -             | -        | 5           | -                | -        | -           | -                            | 2        | 2           | -                   | 1        | 1           | -             | -        | -           | 7       | 17       | 24          |
| 1897,   | 2         | 2        | 4           | -          | 9        | 9           | -             | -        | 2           | -                | 3        | 3           | -                            | 3        | 3           | -                   | 2        | 2           | -             | -        | -           | 2       | 19       | 21*         |
| 1898,   | 1         | -        | 1           | 3          | 12       | 15          | -             | -        | 3           | -                | -        | -           | -                            | 2        | 2           | -                   | -        | -           | -             | -        | -           | 4       | 17       | 21          |
| 1899,   | 1         | -        | 1           | 1          | 5        | 6           | -             | 2        | 1           | -                | 3        | 3           | -                            | 3        | 3           | -                   | 1        | 1           | -             | -        | -           | 2       | 12       | 14          |
| Totals, | 14        | 14       | 28          | 25         | 52       | 77          | -             | 17       | 17          | -                | 23       | 23          | -                            | 23       | 23          | -                   | 5        | 5           | -             | 2        | 2           | 40      | 117      | 157         |

\* Impotency, one female.

TABLE 33. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*  
HAMPDEN COUNTY.

| YEARS         | ADULTERY. |          |             | DESSERTION. |          |             | INTOXICATION. |          |             | EXTREME CRUELTY. |          |             | CRUEL AND ABUSIVE TREATMENT. |          |             | NEGLECT TO PROVIDE. |          |             | IMPRISONMENT. |          |             | TOTALS. |          |  |
|---------------|-----------|----------|-------------|-------------|----------|-------------|---------------|----------|-------------|------------------|----------|-------------|------------------------------|----------|-------------|---------------------|----------|-------------|---------------|----------|-------------|---------|----------|--|
|               | Males.    | Females. | Both Sexes. | Males.      | Females. | Both Sexes. | Males.        | Females. | Both Sexes. | Males.           | Females. | Both Sexes. | Males.                       | Females. | Both Sexes. | Males.              | Females. | Both Sexes. | Males.        | Females. | Both Sexes. | Males.  | Females. |  |
| 1890, . . .   | 4         | 2        | 6           | 10          | 21       | 31          | -             | 5        | 5           | 1                | 1        | 6           | 6                            | -        | -           | -                   | -        | -           | -             | 14       | 35          | 49      |          |  |
| 1891, . . .   | 3         | 4        | 7           | 14          | 16       | 30          | 2             | 14       | 16          | 2                | 2        | 8           | 8                            | -        | -           | -                   | 1        | 1           | -             | 19       | 45          | 64      |          |  |
| 1892, . . .   | 7         | 5        | 12          | 4           | 7        | 11          | -             | 9        | 9           | 2                | 2        | 1           | 1                            | -        | 4           | 4                   | -        | -           | -             | 11       | 28          | 39      |          |  |
| 1893, . . .   | 6         | 8        | 14          | 8           | 17       | 25          | 3             | 17       | 20          | 2                | 2        | 12          | 12                           | -        | 1           | 1                   | -        | -           | -             | 17       | 57          | 74      |          |  |
| 1894, . . .   | 8         | 3        | 11          | 11          | 12       | 23          | -             | 15       | 15          | -                | 10       | 1           | 1                            | -        | 2           | 2                   | -        | -           | -             | 19       | 43          | 62      |          |  |
| 1895, . . .   | 1         | 4        | 5           | 10          | 17       | 27          | 1             | 11       | 12          | -                | 4        | 1           | 1                            | -        | 3           | 3                   | -        | -           | -             | 12       | 40          | 52      |          |  |
| 1896, . . .   | 3         | 6        | 9           | 17          | 14       | 31          | 1             | 11       | 12          | -                | 1        | 7           | 7                            | -        | 6           | 6                   | -        | -           | -             | 21       | 45          | 66      |          |  |
| 1897, . . .   | 4         | 3        | 7           | 13          | 14       | 27          | -             | 12       | 12          | -                | -        | 2           | 11                           | -        | 3           | 3                   | -        | 1           | 1             | 19       | 44          | 63      |          |  |
| 1898, . . .   | 8         | 4        | 12          | 17          | 15       | 32          | 5             | 5        | 10          | -                | 1        | 1           | 10                           | -        | 9           | 9                   | -        | 1           | 1             | 31       | 45          | 76      |          |  |
| 1899, . . .   | 6         | 4        | 10          | 15          | 19       | 34          | 2             | 13*      | 15          | -                | -        | 1           | 14                           | -        | 2           | 2                   | -        | 1           | 1             | 24       | 53          | 77      |          |  |
| Totals, . . . | 50        | 43       | 93          | 119         | 152      | 271         | 14            | 112      | 126         | -                | 23       | 4           | 71                           | -        | 30          | 30                  | -        | 4           | 4             | 187      | 435         | 622     |          |  |

\* One female, excessive use of cocaine.

TABLE 34. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*  
HAMPSHIRE COUNTY.

| YEARS.      | ADULTERY. |          |             | DESERTION. |          |             | INTOXICATION. |          |             | EXTREME CRUELTY. |          |             | CRUEL AND ABUSIVE TREATMENT. |          |             | NEGLECT TO PROVIDE. |          |             | IMPRISONMENT. |          |             | TOTALS. |          |             |
|-------------|-----------|----------|-------------|------------|----------|-------------|---------------|----------|-------------|------------------|----------|-------------|------------------------------|----------|-------------|---------------------|----------|-------------|---------------|----------|-------------|---------|----------|-------------|
|             | Males.    | Females. | Both Sexes. | Males.     | Females. | Both Sexes. | Males.        | Females. | Both Sexes. | Males.           | Females. | Both Sexes. | Males.                       | Females. | Both Sexes. | Males.              | Females. | Both Sexes. | Males.        | Females. | Both Sexes. | Males.  | Females. | Both Sexes. |
|             |           |          |             |            |          |             |               |          |             |                  |          |             |                              |          |             |                     |          |             |               |          |             |         |          |             |
| 1890, . . . | -         | 1        | 1           | 1          | 3        | 4           | -             | -        | -           | -                | -        | -           | -                            | 4        | 4           | -                   | -        | -           | -             | -        | -           | 1       | 8        | 9           |
| 1891, . . . | 2         | -        | 2           | 6          | 5        | 11          | -             | 4        | 4           | -                | -        | -           | -                            | -        | -           | -                   | -        | -           | -             | -        | -           | 8       | 9        | 17          |
| 1892, . . . | 3         | -        | 3           | 3          | 5        | 8           | 1             | 2        | 3           | -                | -        | -           | -                            | -        | -           | -                   | -        | -           | -             | -        | -           | 7       | 7        | 14          |
| 1893, . . . | 1         | 1        | 2           | 4          | 5        | 9           | -             | 1        | 1           | -                | -        | -           | -                            | -        | 1           | -                   | 1        | 1           | -             | 1        | -           | 5       | 10       | 15          |
| 1894, . . . | 1         | 1        | 2           | 5          | 3        | 8           | 1             | 1        | 2           | -                | 1        | 1           | -                            | -        | 3           | -                   | -        | -           | -             | -        | -           | 7       | 9        | 16          |
| 1895, . . . | 1         | -        | 1           | 4          | 5        | 9           | -             | -        | -           | -                | -        | -           | -                            | -        | -           | -                   | -        | -           | -             | -        | -           | 5       | 6        | 11*         |
| 1896, . . . | 1         | 3        | 4           | 3          | 5        | 8           | -             | 2        | 2           | -                | 2        | 2           | -                            | 2        | 2           | -                   | -        | -           | -             | -        | -           | 4       | 14       | 18          |
| 1897, . . . | -         | 2        | 2           | -          | 5        | 5           | -             | 1        | 1           | -                | 2        | 2           | -                            | 2        | 2           | -                   | -        | -           | -             | -        | -           | -       | 12       | 12          |
| 1898, . . . | 1         | 3        | 4           | 1          | 2        | 3           | -             | 5        | 5           | -                | -        | -           | -                            | 2        | 2           | -                   | -        | -           | -             | -        | -           | 2       | 13       | 15†         |
| 1899, . . . | 3         | 2        | 5           | 2          | 2        | 4           | -             | 1        | 1           | -                | -        | -           | -                            | -        | 4           | -                   | -        | -           | -             | -        | -           | 5       | 9        | 14          |
| Totals, . . | 13        | 13       | 26          | 29         | 40       | 69          | 2             | 17       | 19          | -                | 5        | 5           | -                            | 18       | 18          | -                   | 1        | 1           | -             | 1        | 1           | 44      | 97       | 141         |

\* One female, nullity of marriage.

† One female, impotency.

TABLE 35. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*  
MIDDLESEX COUNTY.

| YEARS.  | ADULTERY. |          |             | DESERTION. |          |             | INTOXICATION. |          |             | EXTREME CRUELTY. |          |             | CRUEL AND ABUSIVE TREATMENT. |          |             | NEGLECT TO PROVIDE. |          |             | IMPRISONMENT. |          |             | IMPOTENCY. |          |             | TOTALS. |          |             |
|---------|-----------|----------|-------------|------------|----------|-------------|---------------|----------|-------------|------------------|----------|-------------|------------------------------|----------|-------------|---------------------|----------|-------------|---------------|----------|-------------|------------|----------|-------------|---------|----------|-------------|
|         | Males.    | Females. | Both Sexes. | Males.     | Females. | Both Sexes. | Males.        | Females. | Both Sexes. | Males.           | Females. | Both Sexes. | Males.                       | Females. | Both Sexes. | Males.              | Females. | Both Sexes. | Males.        | Females. | Both Sexes. | Males.     | Females. | Both Sexes. | Males.  | Females. | Both Sexes. |
| 1890, . | 7         | 6        | 13          | 17         | 18       | 35          | -             | 7        | 7           | 3                | 3        | 3           | -                            | 3        | 3           | -                   | 1        | 1           | -             | 1        | -           | -          | -        | 24          | 39      | 63       |             |
| 1891, . | 3         | 8        | 11          | 27         | 36       | 63          | -             | 4        | 5           | 7                | 7        | 13          | -                            | 13       | 13          | -                   | 1        | -           | -             | -        | -           | -          | -        | 34          | 71      | 105*     |             |
| 1892, . | 9         | 7        | 16          | 16         | 36       | 52          | -             | 4        | 8           | -                | -        | 1           | 17                           | 18       | 4           | -                   | 4        | -           | -             | -        | -           | 1          | 1        | 30          | 73      | 103      |             |
| 1893, . | 20        | 26       | 46          | 37         | 64       | 101         | -             | 3        | 21          | 4                | 4        | 21          | -                            | 21       | 21          | -                   | 2        | 1           | -             | 1        | -           | 1          | 1        | 60          | 140     | 200      |             |
| 1894, . | 11        | 19       | 30          | 23         | 50       | 73          | -             | 2        | 16          | -                | 25       | -           | -                            | -        | -           | -                   | 1        | -           | -             | -        | -           | -          | -        | 36          | 111     | 147      |             |
| 1895, . | 14        | 26       | 40          | 21         | 42       | 63          | 3             | 1        | 14          | 3                | 26       | 29          | 1                            | 1        | 1           | -                   | 5        | -           | -             | -        | -           | -          | -        | 39          | 114     | 153      |             |
| 1896, . | 21        | 23       | 44          | 31         | 49       | 80          | 7             | 19       | 26          | -                | 44       | 44          | -                            | -        | -           | -                   | 3        | 1           | 1             | -        | -           | -          | -        | 59          | 139     | 198      |             |
| 1897, . | 20        | 18       | 38          | 34         | 51       | 85          | 5             | 12       | 17          | 2                | 26       | 28          | -                            | -        | -           | -                   | 8        | -           | -             | -        | -           | -          | -        | 61          | 115     | 176      |             |
| 1898, . | 21        | 22       | 43          | 27         | 54       | 81          | 4             | 27       | 31          | -                | 18       | 18          | 2                            | 16       | 18          | -                   | 10       | 1           | 1             | -        | -           | -          | -        | 54          | 148     | 202      |             |
| 1899, . | 28        | 19       | 47          | 36         | 69       | 105         | 7             | 27       | 34          | 1                | 36       | 37          | -                            | -        | -           | -                   | 3        | 3           | 3             | -        | -           | -          | -        | 72          | 157     | 229      |             |
| Totals, | 154       | 174      | 328         | 269        | 469      | 738         | 37            | 156      | 193         | 6                | 189      | 195         | 3                            | 71       | 74          | -                   | 38       | 38          | -             | 7        | 7           | 2          | 2        | 469         | 1,107   | 1,576    |             |

\* One female, nullity of marriage.

TABLE 36. — *Divorces Granted, by Years and Statute Clauses. — Ten Years.*  
NORFOLK COUNTY.

| YEARS.      | ADULTERY. |          |             | DESERTION. |          |             | INTOXICATION. |          |             | EXTREME CRUELTY. |          |             | CRUEL AND ABUSIVE TREATMENT. |          |             | NEGLECT TO PROVIDE. |          |             | IMPRISONMENT. |          |             | TOTALS. |          |             |
|-------------|-----------|----------|-------------|------------|----------|-------------|---------------|----------|-------------|------------------|----------|-------------|------------------------------|----------|-------------|---------------------|----------|-------------|---------------|----------|-------------|---------|----------|-------------|
|             | Males.    | Females. | Both Sexes. | Males.     | Females. | Both Sexes. | Males.        | Females. | Both Sexes. | Males.           | Females. | Both Sexes. | Males.                       | Females. | Both Sexes. | Males.              | Females. | Both Sexes. | Males.        | Females. | Both Sexes. | Males.  | Females. | Both Sexes. |
|             |           |          |             |            |          |             |               |          |             |                  |          |             |                              |          |             |                     |          |             |               |          |             |         |          |             |
| 1890, . . . | 3         | 1        | 4           | 5          | 8        | 13          | -             | 4        | 4           | -                | -        | -           | -                            | 2        | 2           | -                   | 1        | 1           | -             | -        | -           | 9       | 16       | 25*         |
| 1891, . . . | 3         | 1        | 4           | 3          | 9        | 12          | -             | 3        | 3           | -                | 1        | 1           | -                            | 4        | 4           | -                   | 2        | 2           | -             | -        | -           | 6       | 20       | 26          |
| 1892, . . . | 3         | 2        | 5           | 4          | 12       | 16          | -             | 2        | 2           | -                | 1        | 1           | -                            | 3        | 3           | -                   | -        | -           | -             | -        | -           | 7       | 20       | 27          |
| 1893, . . . | 2         | -        | 2           | 4          | 13       | 17          | 1             | 6        | 7           | 2                | 2        | 2           | -                            | 1        | 1           | -                   | -        | -           | -             | -        | -           | 7       | 23       | 30†         |
| 1894, . . . | 1         | 2        | 3           | 6          | 15       | 21          | 2             | 4        | 6           | -                | -        | -           | 1                            | 2        | 3           | -                   | 1        | 1           | -             | 1        | 1           | 10      | 25       | 35          |
| 1895, . . . | 1         | 3        | 4           | 5          | 10       | 15          | -             | 6        | 6           | -                | 1        | 1           | -                            | 4        | 4           | -                   | 1        | 1           | -             | -        | -           | 6       | 25       | 31          |
| 1896, . . . | -         | 4        | 4           | 7          | 14       | 21          | -             | 5        | 5           | -                | 1        | 1           | -                            | 2        | 2           | -                   | 1        | 1           | -             | 1        | 1           | 7       | 28       | 35          |
| 1897, . . . | 2         | 2        | 4           | 3          | 10       | 13          | 2             | 3        | 5           | -                | -        | -           | -                            | 5        | 5           | -                   | 1        | 1           | -             | -        | -           | 7       | 21       | 28          |
| 1898, . . . | 2         | 5        | 7           | 10         | 7        | 17          | -             | 1        | 1           | -                | -        | -           | -                            | 9        | 9           | -                   | 1        | 1           | -             | -        | -           | 12      | 23       | 35          |
| 1899, . . . | 3         | 4        | 7           | 5          | 25       | 30          | 1             | 2        | 3           | -                | 1        | 1           | -                            | 3        | 3           | -                   | 1        | 1           | -             | -        | -           | 9       | 36       | 45          |
| Totals, . . | 20        | 24       | 44          | 52         | 123      | 175         | 6             | 36       | 42          | -                | 7        | 7           | 1                            | 35       | 36          | -                   | 9        | 9           | -             | 2        | 2           | 80      | 237      | 317         |

\* One male, nullity of marriage.

† One female, nullity of marriage.

TABLE 37. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*

## PLYMOUTH COUNTY.

| YEARS.    | ADULTERY. |          |             | DESERTION. |          |             | INTOXICATION. |          |             | EXTREME CRUELTY. |          |             | CRUEL AND ABUSIVE TREATMENT. |          |             | NEGLECT TO PROVIDE. |          |             | IMPRISONMENT. |          |             | IMPOTENCY. |          |             | TOTALS. |          |             |
|-----------|-----------|----------|-------------|------------|----------|-------------|---------------|----------|-------------|------------------|----------|-------------|------------------------------|----------|-------------|---------------------|----------|-------------|---------------|----------|-------------|------------|----------|-------------|---------|----------|-------------|
|           | Males.    | Females. | Both Sexes. | Males.     | Females. | Both Sexes. | Males.        | Females. | Both Sexes. | Males.           | Females. | Both Sexes. | Males.                       | Females. | Both Sexes. | Males.              | Females. | Both Sexes. | Males.        | Females. | Both Sexes. | Males.     | Females. | Both Sexes. | Males.  | Females. | Both Sexes. |
| 1890, .   | 3         | 3        | 6           | 10         | 6        | 16          | 1             | 1        | 2           | -                | -        | -           | -                            | 3        | 3           | -                   | -        | -           | -             | -        | -           | -          | -        | -           | 14      | 13       | 27          |
| 1891, .   | 3         | 4        | 7           | 8          | 21       | 29          | -             | 6        | 6           | -                | -        | -           | -                            | 5        | 5           | -                   | 1        | 1           | -             | -        | -           | -          | -        | -           | 11      | 37       | 48          |
| 1892, .   | 4         | 4        | 8           | 4          | 10       | 14          | -             | 3        | 3           | -                | -        | -           | -                            | 7        | 7           | -                   | 3        | 3           | -             | -        | -           | -          | -        | -           | 8       | 27       | 35          |
| 1893, .   | 6         | 3        | 9           | 16         | 13       | 29          | -             | 7        | 7           | -                | -        | -           | -                            | 12       | 12          | -                   | 1        | 1           | -             | -        | -           | -          | -        | -           | 22      | 36       | 58          |
| 1894, .   | 6         | 2        | 8           | 4          | 23       | 27          | 1             | 8        | 9           | 1                | 3        | 4           | -                            | 3        | 3           | -                   | -        | -           | -             | -        | -           | -          | -        | -           | 12      | 39       | 51          |
| 1895, .   | 7         | 8        | 15          | 8          | 17       | 25          | 1             | 5        | 6           | -                | 8        | 8           | -                            | -        | -           | -                   | 2        | 2           | -             | -        | -           | -          | -        | -           | 16      | 40       | 56          |
| 1896, .   | 4         | 6        | 10          | 7          | 16       | 23          | -             | 4        | 4           | -                | 1        | 1           | -                            | 3        | 3           | -                   | 2        | 2           | -             | -        | -           | -          | -        | -           | 11      | 32       | 43          |
| 1897, .   | 3         | 4        | 7           | 11         | 14       | 25          | 1             | 5        | 6           | -                | 2        | 2           | 1                            | 10       | 11          | -                   | 6        | 6           | -             | -        | -           | -          | -        | -           | 17      | 43       | 60*         |
| 1898, .   | 8         | 2        | 10          | 13         | 15       | 28          | 1             | -        | 1           | -                | -        | -           | -                            | 11       | 11          | -                   | 5        | 5           | -             | -        | -           | -          | -        | -           | 22      | 33       | 55          |
| 1899, .   | 3         | 2        | 5           | 10         | 19       | 29          | 1             | 5        | 6           | -                | 3        | 3           | -                            | 11       | 11          | -                   | 1        | 1           | -             | -        | -           | -          | -        | -           | 14      | 41       | 55          |
| Totals, . | 47        | 38       | 85          | 91         | 154      | 245         | 6             | 44       | 50          | 1                | 17       | 18          | 1                            | 65       | 66          | -                   | 21       | 21          | -             | -        | -           | -          | -        | -           | 147     | 341      | 488         |

\* One male, two females, nullity of marriage.





TABLE 39. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*  
**WORCESTER COUNTY.**

| YEARS.    | ADULTERY. |          |             | DESERTION. |          |             | INTOXICATION. |          |             | EXTREME CRUELTY. |          |             | CRUEL AND ABUSIVE TREATMENT. |          |             | NEGLECT TO PROVIDE. |          |             | IMPRISONMENT. |          |             | IMPOTENCY. |          |             | TOTALS. |          |             |
|-----------|-----------|----------|-------------|------------|----------|-------------|---------------|----------|-------------|------------------|----------|-------------|------------------------------|----------|-------------|---------------------|----------|-------------|---------------|----------|-------------|------------|----------|-------------|---------|----------|-------------|
|           | Males.    | Females. | Both Sexes. | Males.     | Females. | Both Sexes. | Males.        | Females. | Both Sexes. | Males.           | Females. | Both Sexes. | Males.                       | Females. | Both Sexes. | Males.              | Females. | Both Sexes. | Males.        | Females. | Both Sexes. | Males.     | Females. | Both Sexes. | Males.  | Females. | Both Sexes. |
| 1890, .   | 6         | 5        | 11          | 14         | 24       | 38          | —             | 16       | 16          | —                | 1        | 1           | —                            | 14       | 14          | —                   | 3        | 3           | —             | —        | —           | —          | —        | —           | 20      | 63       | 83          |
| 1891, .   | 8         | 10       | 18          | 14         | 28       | 42          | 1             | 20       | 21          | —                | 3        | 3           | 1                            | 12       | 13          | —                   | 6        | 6           | —             | —        | —           | —          | —        | —           | 24      | 79       | 103         |
| 1892, .   | 13        | 10       | 23          | 18         | 30       | 48          | 2             | 13       | 15          | —                | 2        | 2           | 1                            | —        | 1           | —                   | 8        | 8           | —             | —        | —           | —          | —        | —           | 34      | 63       | 97          |
| 1893, .   | 11        | 12       | 23          | 20         | 31       | 51          | —             | 19       | 19          | —                | 1        | 1           | —                            | 16       | 16          | —                   | 3        | 3           | 1             | —        | —           | —          | —        | —           | 31      | 83       | 114         |
| 1894, .   | 7         | 12       | 19          | 20         | 32       | 52          | 2             | 17       | 19          | —                | 1        | 1           | —                            | 15       | 15          | —                   | 5        | 5           | —             | —        | —           | —          | —        | —           | 29      | 82       | 111         |
| 1895, .   | 11        | 7        | 18          | 23         | 26       | 49          | 1             | 14       | 15          | —                | 4        | 4           | 1                            | 13       | 14          | —                   | 1        | 1           | —             | —        | —           | —          | —        | —           | 36      | 65       | 101         |
| 1896, .   | 15        | 6        | 21          | 22         | 32       | 54          | —             | 14       | 14          | —                | —        | 3           | —                            | 16       | 16          | —                   | 4        | 4           | —             | —        | 2           | —          | —        | —           | 37      | 77       | 114         |
| 1897, .   | 9         | 9        | 18          | 21         | 39       | 60          | 2             | 11       | 13          | —                | 2        | 2           | 1                            | 15       | 16          | —                   | 12       | 12          | —             | —        | 1           | —          | —        | —           | 34      | 89       | 123*        |
| 1898, .   | 4         | 6        | 10          | 22         | 32       | 54          | 2             | 15       | 17          | —                | 5        | 5           | —                            | 19       | 19          | —                   | 10       | 10          | —             | —        | —           | 1          | —        | —           | 28      | 89       | 117†        |
| 1899, .   | 14        | 8        | 22          | 15         | 32       | 47          | 3             | 18       | 21          | —                | 2        | 2           | —                            | 16       | 16          | —                   | 3        | 3           | —             | —        | —           | —          | —        | —           | 32      | 79       | 111         |
| Totals, . | 98        | 85       | 183         | 189        | 306      | 495         | 13            | 157      | 170         | —                | 24       | 24          | 4                            | 136      | 140         | —                   | 55       | 55          | —             | —        | 4           | —          | 1        | —           | 305     | 769      | 1,074       |

\* One male, nullity of marriage.

† One female, nullity of marriage.



## DEATHS.

The total number of deaths reported for the year 1899 was 47,710, which was 949 more deaths than the number reported in 1898, and 291 more than the number reported in 1897.

It was 56 more than the average mortality of the five years ending with 1899. The death-rate for the year was 17·47 per thousand of the living population as estimated, which was less than that of the previous year, and less than the rate in any other year since the beginning of registration except 1858, 1859 and 1867.

The number of deaths of infants under one year was 10,532 which was the smallest number since 1891, but larger than that of any other year in the twenty year period 1880–1899.

The lowest infant mortality in the twenty year period was 7,190 in 1880.

The percentage of deaths of children under one year of age to the total mortality in 1899 was 22·08 as compared with 23·34 in 1898 and 22·67 in 1897.

In table 41 is stated the number of deaths and the death-rates per 1,000 of the living population for each year, and for the quinquennial periods from 1851 to 1899 inclusive.

The death-rates in non-census years are estimated. The average death-rate for the forty-five years differs very little from the annual means of the five-year period ending 1895.

In table 42 are stated the death-rates for the different counties for the seven census years 1865–1895, and also the number of deaths in each county for the ten-year period 1890–1899.

In all the counties there was an increase of deaths as compared with the previous year except in Barnstable, Franklin, Hampden, Middlesex and Norfolk.

TABLE 41. — *Deaths and Death-rates, 1851-1899.*

| YEARS.          | Deaths Registered. | Deaths to 1,000 Persons Living. | Annual Means of Quinquennial Periods. |
|-----------------|--------------------|---------------------------------|---------------------------------------|
| 1851, . . . . . | 18,934             | 18.52                           | 18.55                                 |
| 1852, . . . . . | 18,482             | 17.61                           |                                       |
| 1853, . . . . . | 20,301             | 18.85                           |                                       |
| 1854, . . . . . | 21,411             | 19.38                           |                                       |
| 1855, . . . . . | 20,798             | 18.37                           |                                       |
| 1856, . . . . . | 20,735             | 17.99                           | 17.93                                 |
| 1857, . . . . . | 21,280             | 18.16                           |                                       |
| 1858, . . . . . | 20,776             | 17.44                           |                                       |
| 1859, . . . . . | 20,976             | 17.32                           |                                       |
| 1860, . . . . . | 23,068             | 18.74                           |                                       |
| 1861, . . . . . | 24,085             | 19.45                           | 20.71                                 |
| 1862, . . . . . | 22,974             | 18.45                           |                                       |
| 1863, . . . . . | 27,751             | 22.16                           |                                       |
| 1864, . . . . . | 28,723             | 22.82                           |                                       |
| 1865, . . . . . | 26,152             | 20.64                           |                                       |
| 1866, . . . . . | 23,637             | 18.11                           | 18.15                                 |
| 1867, . . . . . | 22,772             | 16.95                           |                                       |
| 1868, . . . . . | 25,603             | 18.53                           |                                       |
| 1869, . . . . . | 26,054             | 18.35                           |                                       |
| 1870, . . . . . | 27,329             | 18.75                           |                                       |
| 1871, . . . . . | 27,943             | 18.67                           | 20.80                                 |
| 1872, . . . . . | 35,019             | 22.81                           |                                       |
| 1873, . . . . . | 33,912             | 21.54                           |                                       |
| 1874, . . . . . | 31,887             | 19.77                           |                                       |
| 1875, . . . . . | 34,978             | 21.17                           |                                       |
| 1876, . . . . . | 33,186             | 19.77                           | 18.83                                 |
| 1877, . . . . . | 31,342             | 18.40                           |                                       |
| 1878, . . . . . | 31,303             | 18.09                           |                                       |
| 1879, . . . . . | 31,801             | 18.10                           |                                       |
| 1880, . . . . . | 35,292             | 19.79                           |                                       |
| 1881, . . . . . | 36,458             | 20.09                           | 19.81                                 |
| 1882, . . . . . | 36,785             | 19.92                           |                                       |
| 1883, . . . . . | 37,748             | 20.09                           |                                       |
| 1884, . . . . . | 36,990             | 19.36                           |                                       |
| 1885, . . . . . | 38,094             | 19.61                           |                                       |
| 1886, . . . . . | 37,244             | 18.61                           | 19.37                                 |
| 1887, . . . . . | 40,763             | 19.78                           |                                       |
| 1888, . . . . . | 42,097             | 19.86                           |                                       |
| 1889, . . . . . | 41,777             | 19.17                           |                                       |
| 1890, . . . . . | 43,528             | 19.44                           |                                       |
| 1891, . . . . . | 45,185             | 19.74                           | 19.83                                 |
| 1892, . . . . . | 48,762             | 20.84                           |                                       |
| 1893, . . . . . | 49,084             | 20.52                           |                                       |
| 1894, . . . . . | 46,791             | 19.13                           |                                       |
| 1895, . . . . . | 47,540             | 19.01                           |                                       |
| 1896, . . . . . | 49,381             | 19.32                           |                                       |
| 1897, . . . . . | 47,419             | 18.15                           |                                       |
| 1898, . . . . . | 46,761             | 17.55                           |                                       |
| 1899, . . . . . | 47,710             | 17.47                           |                                       |

TABLE 42. — *Death-rates by Counties, 1865, 1870, 1875, 1880, 1885, 1890, 1895, and Deaths, 1890-1899.*

|                          | Barnstable. | Berkshire. | Bristol. | Dukes. | Essex. | Franklin. | Hampden. | Hampshire. | Middlesex. | Nantucket. | Norfolk. | Plymouth. | Suffolk. | Worcester. | STATE. |
|--------------------------|-------------|------------|----------|--------|--------|-----------|----------|------------|------------|------------|----------|-----------|----------|------------|--------|
| Death-rates, 1865, . . . | 17.8        | 17.9       | 20.4     | 15.4   | 21.7   | 18.4      | 19.0     | 20.9       | 19.1       | 28.0       | 19.1     | 22.0      | 23.3     | 21.2       | 20.6   |
| " " 1870, . . .          | 14.5        | 15.4       | 18.1     | 14.3   | 17.4   | 16.9      | 19.1     | 17.1       | 18.9       | 22.6       | 15.6     | 16.2      | 23.7     | 17.9       | 18.7   |
| " " 1875, . . .          | 19.1        | 18.9       | 20.7     | 17.2   | 21.1   | 19.8      | 20.4     | 20.4       | 20.9       | 26.2       | 17.4     | 18.6      | 25.7     | 18.4       | 21.1   |
| " " 1880, . . .          | 19.0        | 16.0       | 21.4     | 13.9   | 20.2   | 16.1      | 19.9     | 18.1       | 18.1       | 30.9       | 16.1     | 16.8      | 23.4     | 18.9       | 19.7   |
| " " 1885, . . .          | 18.8        | 18.0       | 20.6     | 25.4   | 18.1   | 15.8      | 18.4     | 16.9       | 18.6       | 33.7       | 16.7     | 17.5      | 24.2     | 18.1       | 19.6   |
| " " 1890, . . .          | 19.4        | 18.2       | 20.3     | 25.4   | 20.0   | 15.8      | 19.6     | 18.5       | 18.4       | 24.5       | 16.5     | 16.9      | 22.3     | 17.8       | 19.4   |
| " " 1895, . . .          | 21.4        | 16.1       | 19.5     | 22.9   | 18.9   | 15.2      | 19.2     | 16.7       | 18.0       | 25.2       | 16.1     | 16.7      | 22.4     | 17.9       | 19.0   |
| Deaths, 1890, . . .      | 567         | 1,476      | 3,778    | 111    | 6,007  | 610       | 2,653    | 959        | 7,948      | 80         | 1,968    | 1,563     | 10,819   | 4,989      | 43,528 |
| " " 1891, . . .          | 615         | 1,436      | 4,109    | 109    | 5,916  | 699       | 2,644    | 969        | 8,506      | 80         | 1,945    | 1,580     | 11,357   | 5,220      | 45,185 |
| " " 1892, . . .          | 640         | 1,560      | 4,367    | 99     | 6,272  | 766       | 3,181    | 1,051      | 9,038      | 120        | 2,087    | 1,759     | 12,013   | 5,809      | 48,762 |
| " " 1893, . . .          | 592         | 1,505      | 4,608    | 115    | 6,064  | 654       | 2,999    | 1,037      | 9,420      | 88         | 2,294    | 1,751     | 12,240   | 5,677      | 49,084 |
| " " 1894, . . .          | 559         | 1,391      | 4,416    | 108    | 5,584  | 608       | 2,616    | 910        | 8,862      | 97         | 2,176    | 1,677     | 12,385   | 5,402      | 46,791 |
| " " 1895, . . .          | 592         | 1,386      | 4,266    | 97     | 6,213  | 608       | 2,941    | 913        | 8,982      | 76         | 2,165    | 1,696     | 12,114   | 5,491      | 47,540 |
| " " 1896, . . .          | 584         | 1,547      | 4,985    | 98     | 6,295  | 642       | 2,859    | 931        | 9,445      | 84         | 2,230    | 1,854     | 12,419   | 5,387      | 49,381 |
| " " 1897, . . .          | 514         | 1,352      | 4,909    | 83     | 5,692  | 633       | 2,907    | 947        | 9,096      | 60         | 2,218    | 1,620     | 12,001   | 5,387      | 47,419 |
| " " 1898, . . .          | 584         | 1,393      | 4,409    | 83     | 5,793  | 662       | 2,954    | 878        | 8,993      | 58         | 2,190    | 1,633     | 11,713   | 5,418      | 46,761 |
| " " 1899, . . .          | 463         | 1,436      | 4,849    | 88     | 6,057  | 623       | 2,890    | 900        | 8,954      | 69         | 2,177    | 1,708     | 11,946   | 5,550      | 47,710 |

In table 43 there is a statement of the mortality of Massachusetts compared with that of a number of the countries of Europe. This comparative statement embraces a period of twenty years ending with 1890, and of the single years 1891, 1892 and 1893. It is observable that the average death-rate in Massachusetts is less than in twelve of the countries and greater than in Denmark, Ireland, Sweden and Norway. The highest death-rate for the twenty-year period is 33·7 in Hungary and the lowest in Norway, which was 16·9.

TABLE 43.

| COUNTRIES.              | AVERAGE. |       |       |       |
|-------------------------|----------|-------|-------|-------|
|                         | 1871-90. | 1891. | 1892. | 1893. |
| Massachusetts, . . . .  | 19·67    | 19·74 | 20·84 | 20·52 |
| Hungary (15 years), . . | 33·7     | 33·1  | 35·0  | 31·1  |
| Austria, . . . . .      | 30·6     | 27·9  | 28·8  | —     |
| Italy, . . . . .        | 28·6     | 26·2  | 26·3  | 25·3  |
| Germany (19 years), . . | 26·0     | 23·4  | 24·1  | 24·6  |
| Prussia, . . . . .      | 25·6     | 22·9  | 23·4  | 24·2  |
| France, . . . . .       | 22·8     | 22·6  | 22·6  | —     |
| Holland, . . . . .      | 22·6     | 20·7  | 21·0  | 19·2  |
| Switzerland, . . . . .  | 22·1     | 20·8  | 19·3  | 20·5  |
| Belgium, . . . . .      | 21·4     | 21·0  | 21·8  | 20·3  |
| Scotland, . . . . .     | 20·4     | 20·7  | 18·5  | 19·4  |
| England and Wales, . .  | 20·3     | 20·2  | 19·0  | 19·2  |
| United Kingdom, . . .   | 19·9     | 20·0  | 19·0  | 19·1  |
| Denmark, . . . . .      | 19·0     | 20·0  | 19·4  | 18·9  |
| Ireland, . . . . .      | 18·0     | 18·4  | 19·4  | 17·9  |
| Sweden, . . . . .       | 17·6     | 16·8  | 17·9  | —     |
| Norway, . . . . .       | 16·9     | 17·5  | 17·8  | 16·4  |

In table 44 it appears that the total mortality for 1899 was greater than that of 1898 and that the mortality of every month

except May, August, September, October, November and December was greater than that of the corresponding month in 1898. The greatest difference was in the month of March. The greatest number of deaths occurred in January, and the first quarter of the year, and the least in June and the second quarter. In the year 1898 the greatest number of deaths occurred in August.

TABLE 44. — *Relation of the Mortality-rate to Seasons of the Year. — 1898-1899.*

|              | Deaths registered in Each Month. |        | Deaths registered in Each Quarter. |        | Monthly Percentage of Total Mortality. |        | Quarterly Percentage of Total Mortality. |        |
|--------------|----------------------------------|--------|------------------------------------|--------|--|--------|--|--------|
|              | 1898.                            | 1899.  | 1898.                              | 1899.  | 1898.                                  | 1899.  | 1898.                                    | 1899.  |
| January, .   | 3,849                            | 5,181  | 11,230                             | 13,325 | 8.23                                   | 10.86  | 24.02                                    | 27.93  |
| February, .  | 3,453                            | 4,201  |                                    |        | 7.38                                   | 8.81   |  |        |
| March, .     | 3,928                            | 3,943  |                                    |        | 8.40                                   | 8.26   |  |        |
| April, .     | 3,833                            | 3,888  | 10,768                             | 10,870 | 8.20                                   | 8.15   | 23.03                                    | 22.78  |
| May, .       | 3,770                            | 3,652  |                                    |        | 8.06                                   | 7.65   |  |        |
| June, .      | 3,165                            | 3,330  |                                    |        | 6.77                                   | 6.98   |  |        |
| July, .      | 3,880                            | 4,334  | 13,340                             | 12,625 | 8.29                                   | 9.08   | 28.53                                    | 26.46  |
| August, .    | 5,020                            | 4,481  |                                    |        | 10.73                                  | 9.39   |  |        |
| September, . | 4,440                            | 3,810  |                                    |        | 9.50                                   | 7.99   |  |        |
| October, .   | 3,799                            | 3,471  | 11,423                             | 10,890 | 8.12                                   | 7.28   | 24.42                                    | 22.83  |
| November, .  | 3,595                            | 3,425  |                                    |        | 7.69                                   | 7.18   |  |        |
| December, .  | 4,029                            | 3,994  |                                    |        | 8.63                                   | 8.37   |  |        |
| The Year,    | 46,761                           | 47,710 | 46,761                             | 47,710 | 100.00                                 | 100.00 | 100.00                                   | 100.00 |

In table 45 are presented the percentages of deaths by quarters of the year for a period of twenty years. The highest percentage occurred in the first quarter in 1892; in the second quarter in 1885; the third quarter in 1896, and the last quarter in 1891.



TABLE 45. — *Percentages of Deaths, by Quarters. — 1890-1899.*

| YEARS.          | PERCENTAGES OF DEATHS, BY QUARTERS ENDING WITH — |       |            |           |
|-----------------|--|-------|------------|-----------|
|                 | March.   | June. | September. | December. |
| 1880, . . . . . | 23·5   | 23·4  | 28·6       | 24·5      |
| 1881, . . . . . | 25·0   | 23·4  | 27·6       | 24·0      |
| 1882, . . . . . | 24·1   | 24·1  | 28·7       | 23·1      |
| 1883, . . . . . | 23·9   | 24·7  | 28·3       | 23·1      |
| 1884, . . . . . | 24·1   | 22·2  | 28·5       | 25·2      |
| 1885, . . . . . | 26·5   | 24·9  | 27·7       | 20·9      |
| 1886, . . . . . | 23·9   | 23·0  | 28·6       | 24·5      |
| 1887, . . . . . | 24·1   | 23·4  | 28·8       | 23·7      |
| 1888, . . . . . | 26·6   | 23·6  | 27·8       | 22·0      |
| 1889, . . . . . | 23·5   | 24·1  | 28·9       | 23·5      |
| 1890, . . . . . | 27·9   | 21·9  | 27·8       | 22·3      |
| 1891, . . . . . | 23·1   | 23·7  | 27·2       | 26·0      |
| 1892, . . . . . | 29·5   | 22·5  | 26·5       | 21·5      |
| 1893, . . . . . | 24·9   | 24·2  | 27·2       | 23·7      |
| 1894, . . . . . | 25·6   | 22·6  | 28·9       | 22·9      |
| 1895, . . . . . | 27·4   | 22·5  | 26·9       | 23·2      |
| 1896, . . . . . | 23·9   | 23·9  | 30·2       | 22·0      |
| 1897, . . . . . | 26·8   | 23·5  | 27·0       | 22·7      |
| 1898, . . . . . | 24·0   | 23·0  | 28·6       | 24·4      |
| 1899, . . . . . | 27·9   | 22·8  | 26·5       | 22·8      |

*Sex.* — Table 46 presents the mortality of males and females from 1860 to 1899, the ratio of the mortality of males to that of females, and also the mortality rate of each sex, the latter being given by census years only. It will be seen that the ratio of deaths of males exceeded that of females in the period of the war 1862-1865, in 1865, 1868, 1870-1873, and from 1888 to 1899 there has been a gradual annual increase in the ratio of deaths of males. In the census years 1866, 1870, 1875, 1880, 1885, 1890 and 1895 the population of females exceeded that of the males.

TABLE 46. — *Mortality of Males and Females compared. — 1860–1899.*

|                           | Deaths of<br>Males. | Deaths of<br>Females. | Deaths<br>of Males to<br>100 Deaths<br>of Females. | Death-rate<br>of Males. | Death-rate<br>of Females. |
|---------------------------|---------------------|-----------------------|--|-------------------------|---------------------------|
| 1860, . . . . .           | 11,444              | 11,547                | 99·9   | 19·3                    | 18·4                      |
| 1862-65 (4 years of war), | 54,407              | 50,994                | 106·7  | —                       | —                         |
| 1865, . . . . .           | 13,085              | 13,024                | 100·5  | 21·7                    | 19·6                      |
| 1866, . . . . .           | 11,601              | 12,003                | 96·6   | —                       | —                         |
| 1867, . . . . .           | 11,359              | 11,369                | 99·8   | —                       | —                         |
| 1868, . . . . .           | 12,871              | 12,695                | 101·4  | —                       | —                         |
| 1869, . . . . .           | 12,777              | 13,231                | 96·6   | —                       | —                         |
| 1870, . . . . .           | 13,699              | 13,598                | 100·7  | 19·5                    | 18·6                      |
| 1871, . . . . .           | 13,985              | 13,931                | 100·4  | —                       | —                         |
| 1872, . . . . .           | 17,717              | 17,256                | 102·7  | —                       | —                         |
| 1873, . . . . .           | 17,242              | 16,642                | 103·6  | —                       | —                         |
| 1874, . . . . .           | 15,912              | 15,939                | 99·9   | —                       | —                         |
| 1875, . . . . .           | 17,329              | 17,619                | 98·4   | 21·8                    | 20·5                      |
| 1876, . . . . .           | 16,485              | 16,669                | 98·8   | —                       | —                         |
| 1877, . . . . .           | 15,427              | 15,894                | 97·1   | —                       | —                         |
| 1878, . . . . .           | 15,284              | 15,986                | 95·6   | —                       | —                         |
| 1879, . . . . .           | 15,628              | 16,142                | 96·8   | —                       | —                         |
| 1880, . . . . .           | 17,426              | 17,852                | 97·6   | 20·3                    | 19·3                      |
| 1881, . . . . .           | 18,147              | 18,296                | 99·2   | —                       | —                         |
| 1882, . . . . .           | 18,360              | 18,418                | 99·6   | —                       | —                         |
| 1883, . . . . .           | 18,840              | 18,904                | 99·6   | —                       | —                         |
| 1884, . . . . .           | 18,418              | 18,567                | 99·2   | —                       | —                         |
| 1885, . . . . .           | 18,889              | 19,205                | 98·4   | 20·2                    | 19·0                      |
| 1886, . . . . .           | 18,585              | 18,659                | 99·6   | —                       | —                         |
| 1887, . . . . .           | 20,329              | 20,434                | 99·5   | —                       | —                         |
| 1888, . . . . .           | 21,234              | 20,863                | 101·8  | —                       | —                         |
| 1889, . . . . .           | 20,978              | 20,799                | 100·9  | —                       | —                         |
| 1890, . . . . .           | 21,767              | 21,761                | 100·0  | 20·0                    | 18·9                      |
| 1891, . . . . .           | 22,672              | 22,513                | 100·7  | —                       | —                         |
| 1892, . . . . .           | 24,643              | 24,119                | 102·2  | —                       | —                         |
| 1893, . . . . .           | 24,899              | 24,185                | 102·9  | —                       | —                         |
| 1894, . . . . .           | 23,788              | 23,003                | 103·4  | —                       | —                         |
| 1895, . . . . .           | 24,175              | 23,365                | 103·5  | 19·9                    | 18·2                      |
| 1896, . . . . .           | 25,140              | 24,241                | 103·7  | —                       | —                         |
| 1897, . . . . .           | 24,004              | 23,415                | 102·5  | —                       | —                         |
| 1898, . . . . .           | 24,082              | 22,679                | 106·2  | —                       | —                         |
| 1899, . . . . .           | 24,304              | 23,406                | 103·8  | —                       | —                         |

In table 47 the deaths by age and sex are given for certain periods of life, for the years 1898 and 1899; by which it appears that in the year 1899, 1,126 more males than females died under one year, and the excess in the deaths of males over females under 5 years of age was 1,321. From twenty to thirty years the deaths of the females exceeded those of the males by 61, and for all other ages the deaths of the females exceeded those of the males by 352.

TABLE 47. — *Deaths at Different Ages. — 1898-1899.*

|   | UNDER 1 YEAR. |        | UNDER 5 YEARS. |        | 20 TO 30. |       | ALL OTHERS. |        | TOTALS. |        |
|---|---------------|--------|----------------|--------|-----------|-------|-------------|--------|---------|--------|
|   | 1898.         | 1899.  | 1898.          | 1899.  | 1898.     | 1899. | 1898.       | 1899.  | 1898.   | 1899.  |
|   |               |        |                |        |           |       |             |        |         |        |
| I. Deaths, . . .                                |               |        |                |        |           |       |             |        |         |        |
| { Males, . . .                                  | 6,092         | 5,829  | 8,081          | 8,077  | 2,120     | 1,847 | 13,881      | 14,380 | 24,082  | 24,304 |
| { Females, . . .                                | 4,920         | 4,703  | 6,781          | 6,756  | 1,899     | 1,908 | 13,999      | 14,732 | 22,679  | 23,406 |
| { Totals, . . .                                 | 11,012        | 10,532 | 14,862         | 14,833 | 4,019     | 3,755 | 27,880      | 29,112 | 46,761  | 47,710 |
| II. Percentages for each sex, . . .             |               |        |                |        |           |       |             |        |         |        |
| { Males, . . .                                  | 25.29         | 23.98  | 33.55          | 33.23  | 8.81      | 7.60  | 57.64       | 59.17  | -       | -      |
| { Females, . . .                                | 21.69         | 20.09  | 29.89          | 28.26  | 8.37      | 8.15  | 61.72       | 63.59  | -       | -      |
| III. Percentages for each period of life, . . . |               |        |                |        |           |       |             |        |         |        |
| { . . .   | 23.34         | 22.08  | 31.78          | 31.09  | 8.59      | 7.88  | 59.62       | 61.03  | -       | -      |
| IV. Females to 1,000 males, . . .               | 808           | 807    | 839            | 836    | 896       | 1,033 | 1,009       | 1,024  | 942     | 963    |

Table 48 presents the ratio of deaths at certain ages, as compared with the total number, for a period of twenty years. The percentage of deaths under five years of age was smaller than that of any year of the twenty year period 1880-1899.

TABLE 48. — *Deaths at Different Ages. — Percentages. — Twenty Years.*

|                 | Under<br>1 Year. | Under<br>5 Years. | 20 to 30. | All Others. |
|-----------------|------------------|-------------------|-----------|-------------|
| 1880, . . . . . | 20·34            | 34·58             | 9·27      | 56·15       |
| 1881, . . . . . | 20·27            | 32·80             | 10·01     | 57·19       |
| 1882, . . . . . | 20·22            | 31·21             | 10·16     | 58·63       |
| 1883, . . . . . | 19·89            | 31·39             | 10·04     | 58·57       |
| 1884, . . . . . | 20·91            | 32·33             | 9·61      | 58·05       |
| 1885, . . . . . | 20·03            | 31·41             | 9·16      | 59·42       |
| 1886, . . . . . | 21·07            | 31·61             | 9·45      | 58·94       |
| 1887, . . . . . | 20·89            | 32·26             | 9·51      | 58·23       |
| 1888, . . . . . | 21·07            | 32·09             | 9·49      | 58·42       |
| 1889, . . . . . | 21·79            | 32·67             | 9·26      | 58·07       |
| 1890, . . . . . | 22·11            | 31·86             | 9·03      | 59·11       |
| 1891, . . . . . | 22·54            | 31·58             | 8·45      | 59·96       |
| 1892, . . . . . | 21·84            | 31·22             | 9·00      | 59·77       |
| 1893, . . . . . | 22·39            | 32·47             | 8·81      | 58·73       |
| 1894, . . . . . | 23·29            | 33·60             | 8·50      | 57·91       |
| 1895, . . . . . | 22·22            | 31·98             | 8·63      | 59·39       |
| 1896, . . . . . | 23·82            | 33·86             | 8·34      | 57·99       |
| 1897, . . . . . | 22·67            | 32·27             | 8·38      | 59·92       |
| 1898, . . . . . | 23·34            | 31·78             | 8·59      | 59·62       |
| 1899, . . . . . | 22·08            | 31·09             | 7·88      | 61·03       |

*Infant Mortality.* — The number of deaths of children under one year of age in 1899 was 10,532 or 22·08 per cent. of the total mortality. This was less by 393 deaths than the average for the five years 1895-1899. As compared with the number of births, the ratio, 14·95 per cent., is the least in any single year of the past twenty years, except 1897.

TABLE 49. — *Infant Mortality. — Twenty Years, 1880–1899.*

|             | Births. | Deaths under<br>One Year. | Total Deaths. | Deaths under<br>One Year to<br>100 Births. | Percentage of<br>Deaths under<br>One to Total<br>Deaths. |
|-------------|---------|---------------------------|---------------|--|--|
| 1880, . . . | 44,217  | 7,190                     | 35,292        | 16·26                                      | 20·34  |
| 1881, . . . | 45,220  | 7,389                     | 36,458        | 16·34                                      | 20·27  |
| 1882, . . . | 45,670  | 7,438                     | 36,785        | 16·30                                      | 20·22  |
| 1883, . . . | 47,285  | 7,511                     | 37,748        | 15·88                                      | 19·89  |
| 1884, . . . | 48,615  | 7,735                     | 36,990        | 15·91                                      | 20·91  |
| 1885, . . . | 48,790  | 7,626                     | 38,094        | 15·63                                      | 20·03  |
| 1886, . . . | 50,788  | 7,848                     | 37,244        | 15·45                                      | 21·07  |
| 1887, . . . | 53,174  | 8,514                     | 40,763        | 16·01                                      | 20·89  |
| 1888, . . . | 54,893  | 8,870                     | 42,097        | 16·16                                      | 21·07  |
| 1889, . . . | 57,075  | 9,105                     | 41,777        | 15·95                                      | 21·79  |
| 1890, . . . | 57,777  | 9,625                     | 43,528        | 16·66                                      | 22·11  |
| 1891, . . . | 63,004  | 10,186                    | 45,185        | 16·17                                      | 22·54  |
| 1892, . . . | 65,824  | 10,649                    | 48,762        | 16·17                                      | 21·84  |
| 1893, . . . | 67,192  | 10,990                    | 49,084        | 16·36                                      | 22·39  |
| 1894, . . . | 66,936  | 10,899                    | 46,791        | 16·28                                      | 23·29  |
| 1895, . . . | 67,545  | 10,564                    | 47,540        | 15·64                                      | 22·22  |
| 1896, . . . | 72,343  | 11,765                    | 49,381        | 15·78                                      | 23·82  |
| 1897, . . . | 73,205  | 10,751                    | 47,419        | 14·69                                      | 22·67  |
| 1898, . . . | 73,110  | 11,012                    | 46,761        | 15·06                                      | 23·34  |
| 1899, . . . | 70,457  | 10,532                    | 47,710        | 14·95                                      | 22·08  |

Table 50. According to this table, it will be observed that the mortality changes in conformity to the age. The highest rate is under one year. It is to be regretted that the materials for 1890 could not be found to complete the table, as the only true way to find the rate of death.

In table 51 is given the average age at death of all who have died in the state, by counties, for forty-five years in quinquennial periods. In every county there was an increase in the average age, as compared with the average for thirty years, ending 1880. The average of the ages at death in the five-year period, 1891–1895, is greater in every county than that of the preceding five years, except Bristol, Dukes, Hampshire, and Suffolk counties.

TABLE 50. — *Population, Deaths and Death-rates per 1,000 Living at Specified Ages, 1865-1895.*

|                      | ALL AGES. | Under 1. | Under 5. | 5 to 10. | 10 to 15. | 15 to 20. | 20 to 30. | 30 to 40. | 40 to 50. | 50 to 60. | 60 to 70. | 70 to 80. | 80 and Over. | Unknown. |
|----------------------|-----------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|----------|
| Population, 1865, .  | 1,267,031 | 23,719   | 133,943  | 143,391  | 126,691   | 117,171   | 225,566   | 185,543   | 142,831   | 96,440    | 52,216    | 26,675    | 8,316        | 1,302    |
| Deaths, 1865, .      | 26,162    | 4,869    | 9,191    | 1,383    | 651       | 1,128     | 2,837     | 2,168     | 1,094     | 1,687     | 1,949     | 1,880     | 1,399        | 185      |
| Death-rates, 1865, . | 20.64     | 205.28   | 68.62    | 9.63     | 5.14      | 9.63      | 12.58     | 11.68     | 11.68     | 17.49     | 32.90     | 70.48     | 168.23       | -        |
| Population, 1870, .  | 1,457,351 | 32,987   | 156,889  | 139,796  | 143,371   | 142,184   | 274,859   | 214,151   | 162,689   | 108,348   | 68,401    | 31,895    | 9,727        | 41       |
| Deaths, 1870, .      | 27,329    | 6,206    | 9,873    | 825      | 556       | 1,027     | 2,833     | 2,275     | 1,947     | 1,837     | 2,058     | 2,196     | 1,654        | 198      |
| Death-rates, 1870, . | 18.75     | 188.13   | 62.92    | 5.90     | 3.74      | 7.22      | 10.48     | 10.62     | 11.96     | 16.95     | 30.08     | 68.85     | 170.04       | -        |
| Population, 1875, .  | 1,651,912 | 34,040   | 173,855  | 163,738  | 148,365   | 165,936   | 310,861   | 240,966   | 182,823   | 126,430   | 79,186    | 38,283    | 11,167       | 10,302   |
| Deaths, 1875, .      | 34,978    | 7,712    | 12,823   | 1,603    | 706       | 1,287     | 3,245     | 2,743     | 2,361     | 2,336     | 2,760     | 2,959     | 1,966        | 189      |
| Death-rates, 1875, . | 21.17     | 226.56   | 73.96    | 9.77     | 4.72      | 7.73      | 10.49     | 11.30     | 12.97     | 18.29     | 34.79     | 71.11     | 176.41       | -        |
| Population, 1880, .  | 1,783,085 | 37,587   | 179,307  | 171,595  | 161,425   | 167,595   | 343,701   | 264,413   | 203,515   | 142,053   | 91,619    | 44,337    | 13,525       | -        |
| Deaths, 1880, .      | 35,292    | 7,190    | 12,213   | 1,463    | 611       | 1,104     | 3,269     | 721       | 2,384     | 2,538     | 3,104     | 3,243     | 2,489        | 1,513    |
| Death-rates, 1880, . | 19.79     | 191.28   | 68.11    | 8.52     | 3.78      | 6.58      | 9.51      | 10.29     | 11.71     | 17.86     | 33.89     | 73.14     | 184.02       | -        |
| Population, 1885, .  | 1,942,141 | 35,888   | 178,388  | 181,842  | 176,551   | 187,247   | 384,450   | 288,219   | 222,920   | 156,760   | 101,619   | 49,235    | 15,516       | 144      |
| Deaths, 1885, .      | 38,094    | 7,626    | 11,956   | 1,358    | 667       | 1,190     | 3,492     | 3,062     | 2,889     | 3,090     | 3,678     | 3,750     | 2,829        | 133      |
| Death-rates, 1885, . | 19.61     | 212.49   | 67.00    | 7.46     | 3.77      | 6.35      | 9.08      | 10.62     | 12.96     | 19.71     | 36.19     | 76.16     | 182.32       | -        |
| Population, 1890, *  | -         | -        | -        | -        | -         | -         | -         | -         | -         | -         | -         | -         | -            | -        |
| Deaths, 1890, .      | 43,528    | 9,625    | 13,870   | 1,282    | 697       | 1,361     | 3,931     | 3,552     | 3,396     | 3,642     | 4,286     | 4,247     | 3,115        | 149      |
| Death-rates, 1890, . | -         | -        | -        | -        | -         | -         | -         | -         | -         | -         | -         | -         | -            | -        |
| Population, 1895, .  | 2,500,183 | 49,933   | 235,647  | 224,119  | 202,900   | 225,881   | 521,392   | 400,134   | 282,781   | 199,511   | 125,283   | 61,011    | 18,510       | 3,014    |
| Deaths, 1895, .      | 47,540    | 10,564   | 15,202   | 1,397    | 646       | 1,207     | 4,101     | 4,873     | 3,578     | 4,080     | 4,933     | 5,028     | 3,418        | 77       |
| Death-rates, 1895, . | 19.01     | 215.89   | 64.51    | 6.23     | 3.18      | 5.34      | 7.08      | 9.67      | 12.65     | 20.45     | 39.37     | 82.41     | 184.65       | -        |

\* Population by ages not obtainable.

TABLE 51. — *Average Ages at Death, by Counties. — 1851-1895.*

| YEARS.                 | STATE. | Barnstable. | Berkshire. | Bristol. | Dukes. | Essex. | Franklin. | Hampden. | Hampshire. | Middlesex. | Nantucket. | Norfolk. | Plymouth. | Suffolk. | Worcester. |
|------------------------|--------|-------------|------------|----------|--------|--------|-----------|----------|------------|------------|------------|----------|-----------|----------|------------|
| 1851-1855 (mean),      | 27·07  | 30·63       | 33·07      | 28·08    | 39·36  | 28·14  | 35·56     | 28·94    | 34·32      | 25·47      | 37·45      | 28·02    | 32·68     | 20·10    | 29·61      |
| 1856-1860, . . .       | 27·72  | 32·49       | 32·66      | 29·18    | 42·28  | 27·68  | 35·26     | 28·39    | 34·60      | 26·57      | 37·76      | 28·97    | 31·12     | 21·83    | 29·34      |
| 1861-1865, . . .       | 28·14  | 34·23       | 32·09      | 29·27    | 43·56  | 28·08  | 27·29     | 27·37    | 32·16      | 27·29      | 44·61      | 27·63    | 33·30     | 23·00    | 28·81      |
| 1866-1870, . . .       | 30·31  | 40·11       | 34·43      | 32·64    | 47·01  | 30·35  | 40·30     | 28·12    | 37·21      | 29·29      | 53·52      | 31·85    | 39·18     | 24·51    | 31·31      |
| 1871-1875, . . .       | 29·34  | 40·05       | 33·25      | 30·22    | 48·72  | 30·17  | 39·56     | 26·15    | 34·60      | 28·26      | 54·28      | 33·39    | 39·25     | 23·68    | 32·07      |
| 1876-1880, . . .       | 31·64  | 44·37       | 36·32      | 30·06    | 49·99  | 31·39  | 43·49     | 28·66    | 38·09      | 30·27      | 53·33      | 35·82    | 41·90     | 26·90    | 33·81      |
| Average of 30 years, . | 29·04  | 36·96       | 33·64      | 29·91    | 45·08  | 29·30  | 38·58     | 27·94    | 35·16      | 27·86      | 46·15      | 30·95    | 36·24     | 23·34    | 30·82      |
| 1881-1885, . . .       | 33·37  | 49·34       | 35·85      | 32·04    | 50·77  | 34·77  | 43·50     | 28·36    | 40·05      | 33·12      | 51·96      | 39·03    | 42·72     | 28·55    | 34·33      |
| 1886-1890, . . .       | 33·91  | 49·41       | 35·85      | 31·08    | 52·71  | 34·86  | 44·05     | 30·62    | 40·15      | 32·79      | 56·52      | 38·83    | 44·01     | 30·46    | 35·25      |
| 1891-1895, . . .       | 34·73  | 50·10       | 37·58      | 29·99    | 52·67  | 35·82  | 45·00     | 31·47    | 37·51      | 33·76      | 55·84      | 39·72    | 44·81     | 30·32    | 35·94      |

In table 52 are presented by counties the percentages of deaths by nativity for 1899. From this table it appears that the ratio of deaths of the native born to the total mortality of the county was the greatest in Barnstable, Nantucket, Dukes, and Franklin counties, and the least in Suffolk, Middlesex and Bristol counties.

In table XII. page 86, are stated the names and other principal data relative to those persons who died in 1899 who were reported as having lived one hundred years or more, and it is not necessary to repeat this table. Of the whole number reported in 1899, 76·2 per cent. were females and 66·6 per cent. were of foreign birth. All but three had been married.

TABLE 52. — *Nativity of those whose Deaths were Registered in 1899, by Counties.*

| COUNTIES.     | NATIVE-BORN |               | FOREIGN-BORN. |               | NATIVITY NOT STATED. |               | TOTALS. |         |
|---------------|-------------|---------------|---------------|---------------|----------------------|---------------|---------|---------|
|               | Nos.        | Percent-ages. | Nos.          | Percent-ages. | Nos.                 | Percent-ages. | Nos.    | Totals. |
| Barnstable, . | 428         | 92·66         | 32            | 6·91          | 3                    | 0·43          | 463     | 100·00  |
| Berkshire, .  | 1,084       | 75·49         | 332           | 23·12         | 20                   | 1·39          | 1,436   | 100·00  |
| Bristol, . .  | 3,470       | 71·56         | 1,339         | 27·69         | 40                   | 0·75          | 4,849   | 100·00  |
| Dukes, . . .  | 73          | 82·95         | 10            | 11·36         | 5                    | 5·69          | 88      | 100·00  |
| Essex, . . .  | 4,523       | 74·67         | 1,488         | 24·57         | 46                   | 0·76          | 6,057   | 100·00  |
| Franklin, . . | 511         | 81·86         | 105           | 16·85         | 7                    | 1·29          | 623     | 100·00  |
| Hampden, . .  | 2,093       | 72·42         | 767           | 26·19         | 30                   | 1·39          | 2,890   | 100·00  |
| Hampshire, .  | 705         | 78·66         | 183           | 20·33         | 12                   | 1·01          | 900     | 100·00  |
| Middlesex, .  | 6,326       | 70·65         | 2,520         | 28·15         | 108                  | 1·20          | 8,954   | 100·00  |
| Nantucket, .  | 61          | 88·40         | 8             | 11·60         | —                    | 0·00          | 69      | 100·00  |
| Norfolk, . .  | 1,638       | 75·17         | 514           | 23·58         | 25                   | 1·25          | 2,177   | 100·00  |
| Plymouth, .   | 1,385       | 81·09         | 307           | 17·97         | 16                   | 0·94          | 1,708   | 100·00  |
| Suffolk, . .  | 7,892       | 66·07         | 3,938         | 32·91         | 116                  | 1·02          | 11,946  | 100·00  |
| Worcester, .  | 4,124       | 74·31         | 1,391         | 25·06         | 38                   | 0·63          | 5,550   | 100·00  |
| Totals, . .   | 34,310      | 71·96         | 12,934        | 27·11         | 466                  | 0·93          | 47,710  | 100·00  |



## CAUSES OF DEATHS.

The total number of deaths for the year 1899 was 47,710. Of this total there was 320 cases reported as from causes unknown or ill defined, comprising 77 deaths from hemorrhage, 97 from tumor, and 146 deaths the causes of which were not stated on the returns. The percentage to the total mortality for these unspecified causes for 1899 was 0·67 as compared with 0·74 in 1898, 0·82 in 1897 and 1·06 in 1896. In the Registration Report of 1890 the average percentage from these causes for the decade 1871–1880 was stated as 3·21, and for the subsequent decade 1881–1890, was 1·37. It is obvious from these data that there is much improvement in the diagnosis, tending to a better registration and that there is also greater care in searching for an accurate return in many cases which formerly were simply accepted as stated on the return without the subsequent inquiry which now obtains. In table 53 are presented the percentages of each class of diseases from specified causes for a period of ten years, ending with 1899.

A comparison with the tables in former reports shows that there is an average decreased percentage in the class of deaths from Zymotic, Constitutional, Developmental and Violent causes, and an increased percentage in the class of Local diseases.

I. *Zymotic Causes.* — Table 54 exhibits the statistics of the principal Zymotic or infectious diseases for a period of ten years 1890–1899.

By this table it appears that the sum of these diseases in 1899 was less than that of any year in the decade except 1898, and 1,065 less than the average for the ten-year period.

There was a considerable increase in the number of deaths from Croup, Diphtheria, Measles and Scarlatina, as compared with 1898, but the total number was 446 less than the total average mortality from these diseases in the ten-year period.

The mortality from Typhoid fever was 51 less than that in 1898, and the total number of deaths was less by 114 than the average for the ten-year period.

TABLE 53. — *Percentage of Causes of Death by Classes.\* — Ten Years.*

| YEARS.             | CLASSES. |                 |        |                |                 |
|--------------------|----------|-----------------|--------|----------------|-----------------|
|                    | Zymotic. | Constitutional. | Local. | Developmental. | Violent Deaths. |
| 1890, . . . . .    | 18·6     | 21·2            | 44·8   | 10·1           | 4·2             |
| 1891, . . . . .    | 18·3     | 20·0            | 46·5   | 10·2           | 4·1             |
| 1892, . . . . .    | 18·9     | 19·1            | 46·9   | 9·8            | 4·3             |
| 1893, . . . . .    | 17·8     | 19·1            | 47·8   | 9·6            | 4·5             |
| 1894, . . . . .    | 18·7     | 19·8            | 46·2   | 9·6            | 4·8             |
| 1895, . . . . .    | 17·0     | 20·2            | 47·5   | 9·7            | 4·6             |
| 1896, . . . . .    | 17·3     | 19·7            | 47·4   | 10·0           | 4·7             |
| 1897, . . . . .    | 15·8     | 19·8            | 49·3   | 10·0           | 4·3             |
| 1898, . . . . .    | 14·0     | 20·1            | 49·8   | 10·3           | 5·1             |
| 1899, . . . . .    | 14·7     | 19·5            | 50·0   | 10·0           | 4·3             |
| Average, . . . . . | 17·3     | 18·9            | 47·6   | 9·9            | 4·1             |

\* Excluding deaths from unspecified causes (the percentage of which in 1899 was 0·67) and still births.

TABLE 54. — *Mortality from Prominent Zymotic Diseases. — Ten Years.*

| YEARS.             | DISEASES.  |                |                 |        |             |          |             |                   |            |
|--------------------|------------|----------------|-----------------|--------|-------------|----------|-------------|-------------------|------------|
|                    | Dysentery. | Typhoid Fever. | Whooping-cough. | Croup. | Diphtheria. | Measles. | Scarlatina. | Cholera Infantum. | Small-pox. |
| 1890, . . . . .    | 220        | 835            | 363             | 387    | 1,239       | 114      | 196         | 2,491             | 1          |
| 1891, . . . . .    | 234        | 821            | 219             | 311    | 907         | 236      | 246         | 2,771             | 3          |
| 1892, . . . . .    | 193        | 827            | 248             | 350    | 1,105       | 88       | 669         | 2,898             | 2          |
| 1893, . . . . .    | 231        | 750            | 274             | 322    | 1,072       | 276      | 810         | 2,704             | 9          |
| 1894, . . . . .    | 216        | 748            | 435             | 293    | 1,508       | 98       | 649         | 2,676             | 33         |
| 1895, . . . . .    | 209        | 680            | 269             | 352    | 1,432       | 117      | 483         | 2,377             | —          |
| 1896, . . . . .    | 407        | 723            | 282             | 353    | 1,324       | 137      | 249         | 2,957             | —          |
| 1897, . . . . .    | 209        | 607            | 171             | 319    | 1,107       | 158      | 342         | 2,231             | 4          |
| 1898, . . . . .    | 293        | 663            | 337             | 158    | 548         | 82       | 141         | 2,320             | —          |
| 1899, . . . . .    | 268        | 612            | 338             | 181    | 866         | 241      | 235         | 1,964             | 14         |
| Average, . . . . . | 248        | 726            | 293             | 303    | 1,111       | 153      | 402         | 2,539             | 9*         |

\* Average for 7 years.

The number of deaths from Whooping-cough was one more than the number in 1898, and 45 more than the average number of deaths from this cause for the decade 1890–1899.

The mortality from Diphtheria was greater by 318 deaths than that of the previous year, but less by 245 than the average for the decade.

There were 241 deaths from Measles, 88 more than the average for the ten-year period.

The number of deaths from Scarlatina in 1899 was 94 more than the number in 1898 but 167 deaths less than the average for the decade.

The number of deaths from Cholera Infantum was 1,964, the smallest number reported in the ten-year period.

There were 14 deaths from Small-pox in 1899. Altogether 18 cases of this disease have been reported since 1894.

II. *Constitutional Diseases.*—The number of deaths ascribed to Tubercular diseases for the year 1899 was 6,970, of which 5,221 deaths were from Pulmonary Consumption, or 10·94 per cent. of the total mortality.

The number of deaths from Cancer was 1,838 which was 3·9 per cent. of the total mortality as compared with 4·1 per cent. in 1898, 3·65 per cent. in 1897, and 3·64 per cent. in 1896.

III. *Local Diseases.*—In table 55 are presented the statistics of the principal local diseases. In 1899 the number of deaths ascribed to Apoplexy, Paralysis, Insanity and Convulsions (Diseases of the Nervous System) was 4,171, which was 70 less than the number reported from the same causes in 1898, but 107 more than the number reported in 1897 and 1,156 more than the average for the decade 1890–1899. The number of deaths from Apoplexy was 2,162, which was 59 more deaths than were reported from this cause in 1898 and 378 more than the average for the ten-year period. The number of deaths from Paralysis was greater by 24 than that of the previous year, but 105 less than the average for the ten-year period. The number of deaths reported as due to Insanity was 29 less than in the year 1898, and 23 less than the average for the decade. The deaths from Convulsions were less by 24 than those of the previous year, and less by 94 than the average of the decennial period. The deaths from the group of Heart Diseases were 3,943 an increase of 109 over the number reported in 1898, and were 159 more than the average for the ten years 1890–1899.

The number of deaths from the principal diseases of the respiratory organs — Pneumonia, Bronchitis and Pleurisy was 6,642, which was 759 more than the number reported in 1898, and 48 more than the average for the ten years 1890–1899.

TABLE 55. — *Mortality from Principal Local Diseases. — Ten Years.*

| YEARS.   | DISEASES. |            |           |              |                 |             |           |            |              |  |
|----------|-----------|------------|-----------|--------------|-----------------|-------------|-----------|------------|--------------|--|
|          | Apoplexy. | Paralysis. | Insanity. | Convulsions. | Heart Diseases. | Bronchitis. | Pleurisy. | Pneumonia. | Peritonitis. | Bright's Disease, Nephritis and other Kidney Diseases. |
| 1890, .  | 1,301     | 1,235      | 188       | 889          | 3,579           | 1,533       | 113       | 4,038      | 484          | 1,303  |
| 1891, .  | 1,464     | 1,214      | 236       | 842          | 3,787           | 1,658       | 115       | 4,337      | 517          | 1,496  |
| 1892, .  | 1,603     | 1,277      | 253       | 873          | 3,910           | 1,886       | 216       | 5,020      | 564          | 1,569  |
| 1893, .  | 1,655     | 1,210      | 272       | 883          | 3,696           | 1,738       | 200       | 5,499      | 591          | 1,685  |
| 1894, .  | 1,718     | 1,145      | 285       | 813          | 3,621           | 1,572       | 159       | 4,101      | 590          | 1,788  |
| 1895, .  | 1,813     | 1,193      | 234       | 790          | 3,769           | 1,558       | 171       | 4,652      | 703          | 1,926  |
| 1896, .  | 2,035     | 1,192      | 238       | 836          | 3,871           | 1,452       | 182       | 4,703      | 587          | 2,009  |
| 1897, .  | 1,988     | 1,084      | 258       | 734          | 3,827           | 1,530       | 187       | 4,796      | 558          | 2,017  |
| 1898, .  | 2,103     | 1,147      | 249       | 742          | 3,834           | 1,486       | 191       | 4,206      | 556          | 2,120  |
| 1899, .  | 2,162     | 1,071      | 220       | 718          | 3,943           | 1,448       | 201       | 4,993      | 513          | 2,151  |
| Average, | 1,784     | 1,176      | 243       | 812          | 3,784           | 1,586       | 174       | 4,634      | 566          | 1,806  |

*Developmental Causes.* — The number of deaths of infants reported as having died of causes incident to the time of birth was 1,470. Up to the year 1896 it had been customary in this computation to include the still-born. There seems no good reason for considering in statistics relative to the causes of death cases which never had independent life.

In comparison with the number of children born alive in 1898, who died of developmental causes, the number of the same class in 1899 was 89 more.

TABLE 56. — *Mortality from Chief Developmental Causes. — Ten Years.*

| YEARS.      | DISEASES. |                          |              |           |                          |          |
|-------------|-----------|--------------------------|--------------|-----------|--------------------------|----------|
|             | Teething. | Infantile,<br>Premature. | Child-birth. | Abortion. | Puerp. Con-<br>vulsions. | Old Age. |
| 1890, . . . | 89        | 861                      | 198          | 5         | 25                       | 1,853    |
| 1891, . . . | 67        | 914                      | 180          | 6         | 38                       | 1,951    |
| 1892, . . . | 65        | 1,129                    | 211          | 8         | 31                       | 1,895    |
| 1893, . . . | 50        | 1,226                    | 235          | 14        | 36                       | 1,861    |
| 1894, . . . | 61        | 1,179                    | 216          | 7         | 45                       | 1,669    |
| 1895, . . . | 78        | 697                      | 266          | 13        | 30                       | 1,715    |
| 1896, . . . | 70        | 1,324                    | 244          | 5         | 8                        | 1,739    |
| 1897, . . . | 60        | 1,373                    | 256          | 10        | 11                       | 1,602    |
| 1898, . . . | 53        | 1,381                    | 239          | 10        | 33                       | 1,669    |
| 1899, . . . | 40        | 1,470                    | 240          | 11        | 86                       | 1,724    |
| Average, .  | 63        | 1,155                    | 229          | 9         | 34                       | 1,767    |

From Bronchitis there were 1,448 deaths, 38 less than the number reported in 1898, and 138 less deaths than the average for the decennial period.

From Pleurisy there were 201 deaths, 27 more than the average for the decade 1890-1899.

The number of deaths from Pneumonia was 4,993 an increase of 787 deaths as compared with the number in 1898, and 359 more deaths than the average for the ten-year period.

The number of deaths from Peritonitis was 513 which was 43 less than the number in 1898, 45 less than the number in 1897, and 53 less than the average for the past decade.

The number of deaths reported in 1899 which were ascribed to the unscientific and unsatisfactory term old age was 1,724 which was 31 more than the number ascribed to this cause in 1898, and 345 more than the average for the decade.

The number of deaths reported in 1899 as from child-birth was 240 as compared with 230 in 1898, and 229 in the decennial period.

Table 57 presents some statistics in regard to the deaths ascribed to violence, either homicidal, suicidal or accidental.

There is a great discrepancy between the figures received from the registrars and those received from the medical examiners, whose returns should presumably be the more accurate.

This matter will be further discussed in the comments on the returns of the medical examiners.

TABLE 57. — *Violent Deaths. — Ten Years.*

| YEARS.    | Burns and Scalds. | Poison. | Railroad Accidents. | Drowning and Lost at Sea. | Freezing. | Heat. | Lightning. | Homicide. | Suicide. | Totals. |
|-----------|-------------------|---------|---------------------|---------------------------|-----------|-------|------------|-----------|----------|---------|
| 1890, . . | 134               | 63      | 274                 | 366                       | —         | 30    | 6          | 18        | 180      | 1,071   |
| 1891, . . | 125               | 69      | 300                 | 346                       | —         | 30    | —          | 14        | 168      | 1,052   |
| 1892, . . | 162               | 75      | 322                 | 342                       | 1         | 79    | 10         | 22        | 239      | 1,252   |
| 1893, . . | 180               | 90      | 362                 | 400                       | 1         | 13    | 6          | 18        | 249      | 1,319   |
| 1894, . . | 170               | 110     | 298                 | 416                       | 1         | 33    | 7          | 25        | 226      | 1,286   |
| 1895, . . | 170               | 89      | 310                 | 387                       | 2         | 14    | 3          | 26        | 255      | 1,256   |
| 1896, . . | 185               | 63      | 300                 | 340                       | 1         | 135   | 1          | 19        | 263      | 1,307   |
| 1897, . . | 195               | 73      | 235                 | 384                       | 2         | 31    | 3          | 17        | 227      | 1,167   |
| 1898, . . | 217               | 89      | 258                 | 498                       | —         | 32    | 8          | 33        | 271      | 1,406   |
| 1899, . . | 230               | 77      | 257*                | 288                       | —         | 3     | 8          | 24        | 268      | 1,155   |

\* Including 8 cases of death on electric railroad.

Comparing the figures for the year 1899 with those from the same sources in previous years it appears that the total mortality from the principal violent causes 1,155, was a decrease of 251 deaths as compared with those of 1898, and a decrease of 12 as compared with those of 1897.

The number of persons drowned and lost at sea during the year 1899 was less than that of any other year of the decade, the number 288 being 54 less than the lowest number reported in any year, which was in 1892.

Eight deaths are reported as having been caused by lightning and 3 by heat. Further comment on the statistics of death from violence will be found under the head of Medical Examiners' returns.

*Most Prominent Causes of Death.* — The causes of death to which were ascribed the greatest number in 1898 are the following twenty arranged in their numerical order : —

|   |       |                                 |       |
|---|-------|---------------------------------|-------|
| Consumption, . . . . .                    | 5,221 | Cephalitis, . . . . .           | 1,387 |
| Pneumonia, . . . . .                      | 4,993 | Atrophy and Debility, . . . . . | 1,286 |
| Heart Diseases, . . . . .                 | 3,943 | Enteritis, . . . . .            | 1,238 |
| Apoplexy, . . . . .                       | 2,162 | Tabes Mesenterica, . . . . .    | 1,200 |
| Nephritis and Bright's Disease, . . . . . | 2,151 | Paralysis, . . . . .            | 1,071 |
| Cholera Infantum, . . . . .               | 1,964 | Convulsions, . . . . .          | 718   |
| Cancer, . . . . .                         | 1,836 | Typhoid Fever, . . . . .        | 612   |
| Old Age, . . . . .                        | 1,724 | Peritonitis, . . . . .          | 513   |
| Infantile, Premature, . . . . .           | 1,470 | Hydrocephalus, . . . . .        | 451   |
| Bronchitis, . . . . .                     | 1,448 | Brain Diseases, . . . . .       | 272   |

Of the foregoing diseases the most destructive were Consumption, Pneumonia, Heart Diseases and Apoplexy, varying very little annually from the same relative order.

In table 58 is presented the mortality of each sex from several specified causes in each month for different specified periods of life. In the majority of diseases the largest number of deaths occurred where the age was under five years.

In Consumption the greatest number of deaths occurred between 20 and 50 years of age.

TABLE 58. — *Number of Deaths from Several Specified Causes, of Each Sex, in Each Month and at Different Specified Periods of Life which were Registered during the Year 1899.*

|                      | THE YEAR 1899. |          |             |             |        |                |            |                   |              |            |  |
|----------------------|----------------|----------|-------------|-------------|--------|----------------|------------|-------------------|--------------|------------|--|
|                      | Small-pox.     | Measles. | Scarlatina. | Diphtheria. | Croup. | Typhoid Fever. | Dysentery. | Cholera Infantum. | Consumption. | Pneumonia. |  |
| Totals, . . . . .    | 14             | 241      | 235         | 866         | 181    | 612            | 268        | 1,964             | 5,221        | 4,993      |  |
| Males, . . . . .     | 6              | 132      | 104         | 422         | 96     | 375            | 126        | 1,049             | 2,719        | 2,496      |  |
| Females . . . . .    | 8              | 109      | 131         | 444         | 85     | 237            | 142        | 915               | 2,502        | 2,497      |  |
| January, . . . . .   | —              | 22       | 13          | 67          | 19     | 58             | 6          | 10                | 515          | 1,033      |  |
| February, . . . . .  | —              | 21       | 18          | 54          | 18     | 29             | 5          | 2                 | 416          | 711        |  |
| March, . . . . .     | —              | 28       | 13          | 50          | 17     | 23             | 3          | 7                 | 475          | 567        |  |
| April, . . . . .     | —              | 32       | 19          | 53          | 16     | 36             | 4          | 9                 | 498          | 507        |  |
| May, . . . . .       | 2              | 38       | 25          | 63          | 11     | 28             | 5          | 11                | 488          | 385        |  |
| June, . . . . .      | 2              | 37       | 26          | 38          | 6      | 20             | 7          | 95                | 387          | 246        |  |
| July, . . . . .      | 1              | 24       | 13          | 58          | 11     | 44             | 59         | 740               | 419          | 139        |  |
| August, . . . . .    | 1              | 12       | 11          | 54          | 8      | 56             | 96         | 728               | 401          | 131        |  |
| September, . . . . . | —              | 6        | 12          | 81          | 17     | 105            | 48         | 285               | 402          | 161        |  |
| October, . . . . .   | 5              | 5        | 17          | 119         | 17     | 80             | 19         | 50                | 412          | 227        |  |
| November, . . . . .  | 1              | 5        | 24          | 92          | 17     | 70             | 11         | 18                | 388          | 364        |  |
| December, . . . . .  | 2              | 11       | 44          | 137         | 24     | 63             | 5          | 9                 | 420          | 522        |  |

SEX.

MONTHS.





In the preceding tables the statistics of the mortality of the Commonwealth have been shown for periods of ten and twenty years.

In many of the following tables the statistics cover longer periods, table 59, for instance, showing the mortality from Small-pox during forty-nine years. In these tables the percentage to 10,000 living is given for the census years only.

During 1899 there were 14 deaths from Small-pox. The only years in which the State of Massachusetts has been exempt from Small-pox since 1851 were 1886, 1895, 1896 and 1898. The most noteworthy epidemic during the period of forty-nine years was in 1872-1873. Since that time the deaths from that disease have been comparatively few and the disease seems to be under complete control.

TABLE 59. — *Mortality from Small-pox. — Forty-nine Years.*

| YEARS.      | Deaths. | Percentages of Deaths to Deaths from all Causes. | Death-rates per 10,000 Living. | YEARS.      | Deaths. | Percentages of Deaths to Deaths from all Causes. | Death-rates per 10,000 Living. |
|-------------|---------|--|--------------------------------|-------------|---------|--|--------------------------------|
| 1851, . . . | 117     | ·61  | —                              | 1876, . . . | 31      | ·09  | —                              |
| 1852, . . . | 33      | ·18  | —                              | 1877, . . . | 24      | ·08  | —                              |
| 1853, . . . | 38      | ·19  | —                              | 1878, . . . | 2       | ·007   | —                              |
| 1854, . . . | 207     | ·97  | —                              | 1879, . . . | 7       | ·02  | —                              |
| 1855, . . . | 325     | 1·56   | 2·9                            | 1880, . . . | 38      | ·11  | ·21                            |
| 1856, . . . | 140     | ·68  | —                              | 1881, . . . | 47      | ·13  | —                              |
| 1857, . . . | 23      | ·11  | —                              | 1882, . . . | 45      | ·12  | —                              |
| 1858, . . . | 12      | ·10  | —                              | 1883, . . . | 5       | ·01  | —                              |
| 1859, . . . | 255     | 1·22   | —                              | 1884, . . . | 3       | ·008   | —                              |
| 1860, . . . | 334     | 1·45   | 2·7                            | 1885, . . . | 19      | ·05  | ·10                            |
| 1861, . . . | 33      | ·14  | —                              | 1886, . . . | —       | —  | —                              |
| 1862, . . . | 40      | ·17  | —                              | 1887, . . . | 3       | ·007   | —                              |
| 1863, . . . | 42      | ·15  | —                              | 1888, . . . | 8       | ·019   | —                              |
| 1864, . . . | 242     | ·84  | —                              | 1889, . . . | 6       | ·014   | —                              |
| 1865, . . . | 221     | ·84  | 1·7                            | 1890, . . . | 1       | ·002   | ·005                           |
| 1866, . . . | 141     | ·59  | —                              | 1891, . . . | 3       | ·006   | —                              |
| 1867, . . . | 196     | ·82  | —                              | 1892, . . . | 2       | ·004   | —                              |
| 1868, . . . | 20      | ·08  | —                              | 1893, . . . | 9       | ·018   | —                              |
| 1869, . . . | 59      | ·22  | —                              | 1894, . . . | 33      | ·070   | —                              |
| 1870, . . . | 131     | ·48  | ·9                             | 1895, . . . | —       | —  | —                              |
| 1871, . . . | 294     | 1·05   | —                              | 1896, . . . | —       | —  | —                              |
| 1872, . . . | 1,029   | 2·94   | —                              | 1897, . . . | 4       | ·008   | —                              |
| 1873, . . . | 668     | 1·97   | —                              | 1898, . . . | —       | —  | —                              |
| 1874, . . . | 26      | ·08  | —                              | 1899, . . . | 14      | ·029   | —                              |
| 1875, . . . | 34      | ·09  | ·2                             |             |         |  |                                |

*Measles.* — Table 60 presents the mortality from Measles for a period of thirty-nine years. The highest rate per 10,000 living in census years during this period was 1.8 in 1870, and the lowest in 1895. The smallest number of deaths was in 1879 when only 19 deaths were reported.

TABLE 60. — *Mortality from Measles. — Thirty-nine Years. — 1861-1899.*

| YEARS.  | Deaths. | Deaths to<br>100 Deaths<br>from all<br>Causes. | Death-rates<br>Per 10,000<br>Living. | YEARS.  | Deaths. | Deaths to<br>100 Deaths<br>from all<br>Causes. | Death-rates<br>Per 10,000<br>Living. |
|---------|---------|--|--------------------------------------|---------|---------|--|--------------------------------------|
| 1861, . | 209     | ·86  | —                                    | 1881, . | 230     | ·63  | —                                    |
| 1862, . | 369     | 1·59   | —                                    | 1882, . | 68      | ·19  | —                                    |
| 1863, . | 142     | ·51  | —                                    | 1883, . | 321     | ·85  | —                                    |
| 1864, . | 320     | 1·13   | —                                    | 1884, . | 75      | ·23  | —                                    |
| 1865, . | 136     | ·52  | 1·1                                  | 1885, . | 313     | ·82  | 1·6                                  |
| 1866, . | 109     | ·46  | —                                    | 1886, . | 130     | ·35  | —                                    |
| 1867, . | 194     | ·85  | —                                    | 1887, . | 455     | 1·12   | —                                    |
| 1868, . | 287     | 1·12   | —                                    | 1888, . | 219     | ·52  | —                                    |
| 1869, . | 222     | ·85  | —                                    | 1889, . | 171     | ·41  | —                                    |
| 1870, . | 269     | ·98  | 1·8                                  | 1890, . | 114     | ·26  | ·5                                   |
| 1871, . | 131     | ·47  | —                                    | 1891, . | 236     | ·52  | —                                    |
| 1872, . | 428     | 1·22   | —                                    | 1892, . | 88      | ·18  | —                                    |
| 1873, . | 180     | ·53  | —                                    | 1893, . | 276     | ·56  | —                                    |
| 1874, . | 161     | ·50  | —                                    | 1894, . | 98      | ·21  | —                                    |
| 1875, . | 233     | ·67  | 1·4                                  | 1895, . | 117     | ·24  | ·4                                   |
| 1876, . | 47      | ·14  | —                                    | 1896, . | 137     | ·28  | —                                    |
| 1877, . | 135     | ·44  | —                                    | 1897, . | 158     | ·33  | —                                    |
| 1878, . | 305     | 1·00   | —                                    | 1898, . | 82      | ·18  | —                                    |
| 1879, . | 19      | ·06  | —                                    | 1899, . | 241     | ·51  | —                                    |
| 1880, . | 236     | ·67  | 1·3                                  |         |         |  |                                      |

*Scarlet Fever.* — In table 61 are presented the statistics by counties of the deaths from Scarlet fever for the years 1898 and 1899 and in table 62 is presented the mortality from Scarlet fever for a period of thirty-nine years. The largest number of deaths from this disease occurred in 1875 and the lowest number in 1898. The number of deaths in 1899 was 235, an increase of 94 as compared with 1898 and 167 less deaths than the average of the ten-year period 1890-1899.

In the number of deaths by counties there is an increase in all the counties except Dukes and Nantucket, where there were no deaths from this cause in either year. There have been no deaths from Scarlet fever in Nantucket since 1893.

TABLE 61. — *Mortality from Scarlet fever, by Counties. — 1898 and 1899.*

| COUNTIES.       | DEATHS. |       | COUNTIES.      | DEATHS. |       |
|-----------------|---------|-------|----------------|---------|-------|
|                 | 1898.   | 1899. |                | 1898.   | 1899. |
| Barnstable, . . | 2       | 3     | Middlesex, . . | 32      | 40    |
| Berkshire, . .  | 3       | 7     | Nantucket, . . | —       | —     |
| Bristol, . . .  | 13      | 20    | Norfolk, . . . | 3       | 4     |
| Dukes, . . . .  | —       | —     | Plymouth, . .  | 1       | 3     |
| Essex, . . . .  | 19      | 24    | Suffolk, . . . | 40      | 85    |
| Franklin, . . . | —       | 2     | Worcester, . . | 25      | 36    |
| Hampden, . . .  | 3       | 8     |                |         |       |
| Hampshire, . .  | —       | 3     | The State, . . | 141     | 235   |

TABLE 62. — *Mortality from Scarlet fever. — 1861–1899.*

| YEARS.      | Deaths. | Percentages of Deaths to Deaths from all Causes. | Death-rates per 10,000 Living. | YEARS.      | Deaths. | Percentages of Deaths to Deaths from all Causes. | Death-rates per 10,000 Living. |
|-------------|---------|--|--------------------------------|-------------|---------|--|--------------------------------|
| 1861, . . . | 1,137   | 4.66   | —                              | 1881, . . . | 397     | 1.09   | —                              |
| 1862, . . . | 1,261   | 5.42   | —                              | 1882, . . . | 318     | .87  | —                              |
| 1863, . . . | 1,399   | 5.01   | —                              | 1883, . . . | 575     | 1.52   | —                              |
| 1864, . . . | 1,503   | 5.21   | —                              | 1884, . . . | 627     | 1.69   | —                              |
| 1865, . . . | 807     | 3.06   | 6.4                            | 1885, . . . | 587     | 1.54   | 3.0                            |
| 1866, . . . | 385     | 1.58   | —                              | 1886, . . . | 331     | .89  | —                              |
| 1867, . . . | 828     | 3.63   | —                              | 1887, . . . | 594     | 1.46   | —                              |
| 1868, . . . | 1,369   | 5.35   | —                              | 1888, . . . | 504     | 1.19   | —                              |
| 1869, . . . | 1,405   | 5.39   | —                              | 1889, . . . | 185     | .44  | —                              |
| 1870, . . . | 683     | 2.49   | 4.7                            | 1890, . . . | 196     | .45  | .87                            |
| 1871, . . . | 867     | 3.10   | —                              | 1891, . . . | 246     | .54  | —                              |
| 1872, . . . | 1,377   | 3.93   | —                              | 1892, . . . | 669     | 1.37   | —                              |
| 1873, . . . | 1,472   | 4.34   | —                              | 1893, . . . | 810     | 1.65   | —                              |
| 1874, . . . | 1,382   | 4.33   | —                              | 1894, . . . | 649     | 1.38   | —                              |
| 1875, . . . | 1,684   | 4.81   | 10.2                           | 1895, . . . | 483     | 1.01   | 1.93                           |
| 1876, . . . | 1,222   | 3.79   | —                              | 1896, . . . | 249     | .50  | —                              |
| 1877, . . . | 467     | 1.53   | —                              | 1897, . . . | 342     | .72  | —                              |
| 1878, . . . | 404     | 1.33   | —                              | 1898, . . . | 141     | .30  | —                              |
| 1879, . . . | 850     | 2.63   | —                              | 1899, . . . | 235     | .49  | —                              |
| 1880, . . . | 574     | 1.63   | 3.2                            |             |         |  |                                |

*Diphtheria and Croup.* — The number of deaths from these combined causes in 1899 was 1,047 which was 341 more than the number reported in 1898, 379 less than the number in 1897 and less than that of any year since 1875 except 1898.

In table 63 is stated the number of deaths by counties from these combined causes in 1898 and 1899.

TABLE 63. — *Deaths from Diphtheria and Croup by Counties. — 1898 and 1899.*

| COUNTIES.       | DEATHS FROM DIPHTHERIA AND CROUP. |       | COUNTIES.      | DEATHS FROM DIPHTHERIA AND CROUP. |       |
|-----------------|-----------------------------------|-------|----------------|-----------------------------------|-------|
|                 | 1898.                             | 1899. |                | 1898.                             | 1899. |
| Barnstable, . . | 3                                 | 7     | Middlesex, . . | 132                               | 165   |
| Berkshire, . .  | 16                                | 18    | Nantucket, . . | —                                 | —     |
| Bristol, . . .  | 43                                | 67    | Norfolk, . . . | 30                                | 43    |
| Dukes, . . . .  | —                                 | —     | Plymouth, . .  | 6                                 | 19    |
| Essex, . . . .  | 141                               | 142   | Suffolk, . . . | 189                               | 339   |
| Franklin, . . . | 5                                 | 6     | Worcester, . . | 82                                | 121   |
| Hampden, . . .  | 49                                | 107   |                |                                   |       |
| Hampshire, . .  | 10                                | 13    | The State, . . | 706                               | 1,047 |

TABLE 64. — *Mortality from Diphtheria and Croup. — Thirty-nine Years.*

| YEARS.  | DEATHS. |             |         | PERCENTAGES OF DEATHS FROM ALL CAUSES. |             |         | DEATHS TO EVERY 10,000 LIVING. |             |         |
|---------|---------|-------------|---------|--|-------------|---------|--------------------------------|-------------|---------|
|         | Croup.  | Diphtheria. | Totals. | Croup.                                 | Diphtheria. | Totals. | Croup.                         | Diphtheria. | Totals. |
| 1861, . | 461     | 643         | 1,104   | 1·89                                   | 2·64        | 4·53    | —                              | —           | —       |
| 1862, . | 484     | 663         | 1,147   | 2·08                                   | 2·85        | 4·93    | —                              | —           | —       |
| 1863, . | 864     | 1,420       | 2,284   | 3·09                                   | 5·08        | 8·17    | —                              | —           | —       |
| 1864, . | 768     | 1,231       | 1,999   | 2·66                                   | 4·27        | 6·93    | —                              | —           | —       |
| 1865, . | 504     | 672         | 1,176   | 1·91                                   | 2·56        | 4·47    | 4·0                            | 5·3         | 9·3     |
| 1866, . | 431     | 399         | 830     | 1·79                                   | 1·65        | 3·44    | —                              | —           | —       |
| 1867, . | 366     | 251         | 607     | 1·53                                   | 1·07        | 2·60    | —                              | —           | —       |
| 1868, . | 485     | 297         | 782     | 1·92                                   | 1·18        | 3·10    | —                              | —           | —       |
| 1869, . | 473     | 296         | 769     | 1·84                                   | 1·15        | 2·99    | —                              | —           | —       |
| 1870, . | 434     | 242         | 676     | 1·61                                   | ·89         | 2·50    | 2·9                            | 1·7         | 4·6     |
| 1871, . | 473     | 274         | 747     | 1·69                                   | ·97         | 2·66    | —                              | —           | —       |
| 1872, . | 480     | 273         | 753     | 1·38                                   | ·78         | 2·16    | —                              | —           | —       |
| 1873, . | 435     | 310         | 745     | 1·28                                   | ·92         | 2·20    | —                              | —           | —       |
| 1874, . | 411     | 502         | 913     | 1·28                                   | 1·56        | 2·84    | —                              | —           | —       |
| 1875, . | 680     | 1,200       | 1,880   | 1·92                                   | 3·39        | 5·31    | 4·1                            | 7·3         | 11·4    |
| 1876, . | 684     | 2,610       | 3,294   | 2·13                                   | 8·11        | 10·24   | —                              | —           | —       |
| 1877, . | 544     | 2,634       | 3,178   | 1·78                                   | 8·65        | 10·43   | —                              | —           | —       |
| 1878, . | 583     | 1,934       | 2,517   | 1·91                                   | 6·35        | 8·26    | —                              | —           | —       |
| 1879, . | 559     | 1,734       | 2,293   | 1·69                                   | 5·24        | 6·93    | —                              | —           | —       |
| 1880, . | 625     | 1,769       | 2,394   | 1·77                                   | 5·01        | 6·78    | 3·6                            | 9·9         | 13·5    |
| 1881, . | 677     | 1,706       | 2,383   | 1·88                                   | 4·67        | 6·55    | —                              | —           | —       |
| 1882, . | 491     | 1,280       | 1,771   | 1·33                                   | 3·48        | 4·81    | —                              | —           | —       |
| 1883, . | 530     | 1,091       | 1,621   | 1·40                                   | 2·89        | 4·29    | —                              | —           | —       |
| 1884, . | 562     | 1,084       | 1,646   | 1·52                                   | 2·93        | 4·45    | —                              | —           | —       |
| 1885, . | 520     | 1,003       | 1,523   | 1·36                                   | 2·62        | 3·98    | 2·7                            | 5·1         | 7·8     |
| 1886, . | 505     | 1,053       | 1,558   | 1·36                                   | 2·82        | 4·18    | —                              | —           | —       |
| 1887, . | 532     | 1,096       | 1,628   | 1·30                                   | 2·68        | 3·99    | —                              | —           | —       |
| 1888, . | 500     | 1,331       | 1,831   | 1·19                                   | 3·16        | 4·35    | —                              | —           | —       |
| 1889, . | 484     | 1,730       | 2,214   | 1·16                                   | 4·14        | 5·30    | —                              | —           | —       |
| 1890, . | 387     | 1,239       | 1,626   | ·89                                    | 2·85        | 3·74    | 1·7                            | 5·5         | 7·3     |
| 1891, . | 311     | 907         | 1,218   | ·69                                    | 2·01        | 2·70    | —                              | —           | —       |

TABLE 64. — Concluded.

| YEARS.  | DEATHS. |                  |         | PERCENTAGES OF DEATHS<br>FROM ALL CAUSES. |                  |         | DEATHS TO EVERY<br>10,000 LIVING. |                  |         |
|---------|---------|------------------|---------|---|------------------|---------|-----------------------------------|------------------|---------|
|         | Croup.  | Diph-<br>theria. | Totals. | Croup.                                    | Diph-<br>theria. | Totals. | Croup.                            | Diph-<br>theria. | Totals. |
| 1892, . | 350     | 1,105            | 1,455   | ·72                                       | 2·26             | 2·98    | —                                 | —                | —       |
| 1893, . | 322     | 1,072            | 1,394   | ·66                                       | 2·18             | 2·84    | —                                 | —                | —       |
| 1894, . | 293     | 1,508            | 1,801   | ·63                                       | 3·22             | 3·85    | —                                 | —                | —       |
| 1895, . | 352     | 1,432            | 1,784   | ·74                                       | 3·01             | 3·75    | 1·4                               | 5·7              | 7·1     |
| 1896, . | 353     | 1,324            | 1,677   | ·71                                       | 2·68             | 3·39    | —                                 | —                | —       |
| 1897, . | 319     | 1,107            | 1,426   | ·67                                       | 2·33             | 3·01    | —                                 | —                | —       |
| 1898, . | 158     | 548              | 706     | ·34                                       | 1·17             | 1·51    | —                                 | —                | —       |
| 1899, . | 181     | 866              | 1,047   | ·38                                       | 1·82             | 2·20    | —                                 | —                | —       |

*Typhoid Fever.* — The number of deaths from this disease in 1899 was 612 which was the lowest number since 1860 except 1897. Its percentage of deaths to deaths from all causes was 1·28.

Table 65 presents the statistics of deaths from this disease for thirty-nine years, 1861–1899.

In table 66 are presented the deaths by counties from 1890–1899.

TABLE 65. — *Mortality from Typhoid Fever. — 1861–1899. — Thirty-nine Years.*

| YEARS.    | Deaths. | Percentage of<br>Deaths to<br>Deaths from<br>all Causes. | Death-rates<br>per 10,000<br>Living. | YEARS.    | Deaths. | Percentage of<br>Deaths to<br>Deaths from<br>all Causes. | Death-rates<br>per 10,000<br>Living. |
|-----------|---------|--|--------------------------------------|-----------|---------|--|--------------------------------------|
| 1861, . . | 989     | 4·06   | —                                    | 1881, . . | 1,072   | 2·94   | —                                    |
| 1862, . . | 1,135   | 4·88   | —                                    | 1882, . . | 1,079   | 2·94   | —                                    |
| 1863, . . | 1,442   | 5·16   | —                                    | 1883, . . | 860     | 2·28   | —                                    |
| 1864, . . | 1,344   | 4·66   | —                                    | 1884, . . | 875     | 2·35   | —                                    |
| 1865, . . | 1,694   | 6·43   | 13·4                                 | 1885, . . | 768     | 2·02   | 3·9                                  |
| 1866, . . | 1,091   | 4·53   | —                                    | 1886, . . | 800     | 2·15   | —                                    |
| 1867, . . | 965     | 4·24   | —                                    | 1887, . . | 922     | 2·26   | —                                    |
| 1868, . . | 896     | 3·49   | —                                    | 1888, . . | 943     | 2·24   | —                                    |
| 1869, . . | 1,205   | 4·62   | —                                    | 1889, . . | 891     | 2·13   | —                                    |
| 1870, . . | 1,333   | 4·88   | 9·1                                  | 1890, . . | 835     | 1·92   | 3·7                                  |
| 1871, . . | 1,116   | 3·99   | —                                    | 1891, . . | 821     | 1·82   | —                                    |
| 1872, . . | 1,703   | 4·86   | —                                    | 1892, . . | 827     | 1·69   | —                                    |
| 1873, . . | 1,406   | 4·15   | —                                    | 1893, . . | 750     | 1·60   | —                                    |
| 1874, . . | 1,147   | 3·56   | —                                    | 1894, . . | 748     | 1·60   | —                                    |
| 1875, . . | 1,059   | 3·06   | 6·4                                  | 1895, . . | 680     | 1·43   | 2·7                                  |
| 1876, . . | 881     | 2·74   | —                                    | 1896, . . | 723     | 1·46   | —                                    |
| 1877, . . | 814     | 2·67   | —                                    | 1897, . . | 607     | 1·28   | —                                    |
| 1878, . . | 679     | 2·23   | —                                    | 1898, . . | 663     | 1·42   | —                                    |
| 1879, . . | 637     | 1·94   | —                                    | 1899, . . | 612     | 1·28   | —                                    |
| 1880, . . | 882     | 2·49   | 4·9                                  |           |         |  |                                      |

TABLE 66. — *Deaths from Typhoid Fever, by Counties. — 1890–1899.*

| COUNTIES.             | DEATHS. |       |       |       |       |       |       |       |       |       |
|-----------------------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                       | 1890.   | 1891. | 1892. | 1893. | 1894. | 1895. | 1896. | 1897. | 1898. | 1899. |
| Barnstable, . . . . . | 13      | 11    | 9     | 9     | 6     | 2     | 7     | 4     | 3     | 2     |
| Berkshire, . . . . .  | 35      | 38    | 35    | 30    | 47    | 46    | 41    | 29    | 35    | 23    |
| Bristol, . . . . .    | 56      | 72    | 66    | 64    | 63    | 55    | 63    | 83    | 55    | 59    |
| Dukes, . . . . .      | —       | 1     | 3     | 4     | 1     | 1     | 1     | 1     | 2     | 3     |
| Essex, . . . . .      | 139     | 122   | 129   | 117   | 88    | 86    | 100   | 93    | 76    | 79    |
| Franklin, . . . . .   | 10      | 9     | 11    | 10    | 13    | 12    | 5     | 7     | 10    | 7     |
| Hampden, . . . . .    | 65      | 59    | 103   | 54    | 36    | 46    | 33    | 44    | 40    | 61    |
| Hampshire, . . . . .  | 15      | 17    | 12    | 17    | 18    | 6     | 8     | 4     | 7     | 18    |
| Middlesex, . . . . .  | 213     | 186   | 172   | 153   | 173   | 121   | 166   | 81    | 125   | 101   |
| Nantucket, . . . . .  | —       | —     | —     | —     | —     | —     | —     | —     | —     | —     |
| Norfolk, . . . . .    | 26      | 32    | 26    | 36    | 34    | 33    | 38    | 16    | 29    | 32    |
| Plymouth, . . . . .   | 24      | 26    | 26    | 19    | 23    | 26    | 28    | 22    | 21    | 12    |
| Suffolk, . . . . .    | 156     | 161   | 150   | 144   | 146   | 166   | 179   | 168   | 188   | 165   |
| Worcester, . . . . .  | 83      | 87    | 85    | 93    | 100   | 80    | 54    | 55    | 72    | 30    |
| The State, . . . . .  | 835     | 821   | 827   | 750   | 748   | 680   | 723   | 607   | 663   | 612   |

*Diarrhœal Diseases.* — The number of deaths attributed to this group, comprising Diarrhœa, Dysentery, Cholera Infantum, Cholera and Enteritis, was 3,922, a decrease of 450 deaths as compared with 1898.

TABLE 67. — *Diarrhœal Diseases.* — 1881-1899.

| YEARS.      | Diarrhœa. | Dysentery. | Cholera Infantum. | Cholera. | Enteritis. | Diarrhœal Diseases. |
|-------------|-----------|------------|-------------------|----------|------------|---------------------|
| 1881, . . . | 458       | 360        | 1,861             | 68       | 456        | 3,203               |
| 1882, . . . | 488       | 398        | 2,159             | 136      | 528        | 3,709               |
| 1883, . . . | 516       | 336        | 1,941             | 84       | 523        | 3,400               |
| 1884, . . . | 522       | 254        | 2,081             | 108      | 549        | 3,514               |
| 1885, . . . | 450       | 253        | 1,852             | 86       | 608        | 3,249               |
| 1886, . . . | 501       | 243        | 1,931             | 77       | 587        | 3,339               |
| 1887, . . . | 560       | 266        | 2,131             | 68       | 622        | 3,713               |
| 1888, . . . | 587       | 248        | 2,195             | 79       | 670        | 3,779               |
| 1889, . . . | 593       | 299        | 2,156             | 77       | 710        | 3,835               |
| 1890, . . . | 618       | 220        | 2,491             | 88       | 763        | 4,180               |
| 1891, . . . | 639       | 234        | 2,771             | 103      | 874        | 4,621               |
| 1892, . . . | 534       | 193        | 2,898             | 103      | 994        | 4,722               |
| 1893, . . . | 543       | 231        | 2,704             | 93       | 1,096      | 4,667               |
| 1894, . . . | 583       | 216        | 2,676             | 97       | 1,100      | 4,672               |
| 1895, . . . | 486       | 209        | 2,377             | 77       | 1,026      | 4,175               |
| 1896, . . . | 604       | 407        | 2,957             | 103      | 1,072      | 5,143               |
| 1897, . . . | 469       | 209        | 2,231             | 67       | 1,069      | 4,045               |
| 1898, . . . | 454       | 293        | 2,320             | 73       | 1,232      | 4,372               |
| 1899, . . . | 382       | 268        | 1,964             | 70       | 1,238      | 3,922               |

*Cholera Infantum.* — The number of deaths from this disease in 1899 was 1,964 which was 356 less than the number reported in the previous year. The mortality from this cause was smaller than that of any year since 1886. The number of males



that died from this cause during the year was 1,049 and the number of females, 915.

TABLE 68. — *Mortality from Cholera Infantum, 1871-1899.*

| YEARS.    | Deaths<br>from Cholera<br>Infantum. | Death-rate<br>per 10,000 of<br>Population. | YEARS.    | Deaths<br>from Cholera<br>Infantum. | Death-rate<br>per 10,000 of<br>Population. |
|-----------|-------------------------------------|--|-----------|-------------------------------------|--|
| 1871, . . | 1,718                               | —  | 1886, . . | 1,931                               | —  |
| 1872, . . | 3,254                               | —  | 1887, . . | 2,131                               | —  |
| 1873, . . | 2,553                               | —  | 1888, . . | 2,195                               | —  |
| 1874, . . | 2,322                               | —  | 1889, . . | 2,156                               | —  |
| 1875, . . | 2,606                               | 15·77                                      | 1890, . . | 2,491                               | 11·13                                      |
| 1876, . . | 2,087                               | —  | 1891, . . | 2,771                               | —  |
| 1877, . . | 1,927                               | —  | 1892, . . | 2,898                               | —  |
| 1878, . . | 1,573                               | —  | 1893, . . | 2,704                               | —  |
| 1879, . . | 1,349                               | —  | 1894, . . | 2,676                               | —  |
| 1880, . . | 2,118                               | 11·31                                      | 1895, . . | 2,377                               | 9·50                                       |
| 1881, . . | 1,861                               | —  | 1896, . . | 2,957                               | —  |
| 1882, . . | 2,159                               | —  | 1897, . . | 2,231                               | —  |
| 1883, . . | 1,941                               | —  | 1898, . . | 2,320                               | —  |
| 1884, . . | 2,081                               | —  | 1899, . . | 1,964                               | —  |
| 1885, . . | 1,852                               | 9·52                                       |           |                                     |  |

*Consumption.* — The number of deaths registered from Consumption in 1899 was 5,221, which was 67 less deaths than the number registered in the previous year. In the accompanying table, where the mortality from this disease is given for a period of twenty-nine years, it will be observed that there has been a decrease in the number of deaths, and that the death-rate per 10,000 of the population has steadily decreased from 1872. The average death-rate of Pulmonary Consumption for the decade 1871-1880 was 32·7, the decade 1881-1890, 29·2, and the five-year period 1894-1895, 23·1. A comparison of the years 1898 and 1899 shows that the number

of deaths from this cause was less in Hampden, Hampshire, Middlesex, Nantucket, Suffolk and Worcester counties and greater in all the others.

TABLE 69. — *Mortality from Pulmonary Consumption. — Twenty-nine Years.*

| YEARS.    | Deaths. | Death-rate<br>per 10,000 of<br>Population. | YEARS.    | Deaths. | Death-rate<br>per 10,000 of<br>Population. |
|-----------|---------|--|-----------|---------|--|
| 1871, . . | 5,070   | —  | 1886, . . | 5,897   | —  |
| 1872, . . | 5,556   | —  | 1887, . . | 5,871   | —  |
| 1873, . . | 5,556   | —  | 1888, . . | 5,728   | —  |
| 1874, . . | 5,284   | —  | 1889, . . | 5,581   | —  |
| 1875, . . | 5,738   | 34·7                                       | 1890, . . | 5,791   | 25·9                                       |
| 1876, . . | 5,327   | —  | 1891, . . | 5,484   | —  |
| 1877, . . | 5,457   | —  | 1892, . . | 5,729   | —  |
| 1878, . . | 5,334   | —  | 1893, . . | 5,527   | —  |
| 1879, . . | 5,223   | —  | 1894, . . | 5,463   | —  |
| 1880, . . | 5,494   | 30·8                                       | 1895, . . | 5,486   | 21·9                                       |
| 1881, . . | 5,886   | —  | 1896, . . | 5,536   | —  |
| 1882, . . | 5,865   | —  | 1897, . . | 5,431   | —  |
| 1883, . . | 5,931   | —  | 1898, . . | 5,288   | —  |
| 1884, . . | 5,798   | —  | 1899, . . | 5,221   | —  |
| 1885, . . | 5,955   | 30·7                                       |           |         |  |

TABLE 70. — *Mortality from Pulmonary Consumption, by Counties. 1898 and 1899.*

| COUNTIES.       | DEATHS. |       | COUNTIES.      | DEATHS. |       |
|-----------------|---------|-------|----------------|---------|-------|
|                 | 1898.   | 1899. |                | 1898.   | 1899. |
| Barnstable, . . | 39      | 47    | Middlesex, . . | 1,073   | 1,035 |
| Berkshire, . .  | 124     | 135   | Nantucket, . . | 5       | 1     |
| Bristol, . .    | 456     | 464   | Norfolk, . .   | 227     | 242   |
| Dukes, . .      | 3       | 9     | Plymouth, . .  | 197     | 207   |
| Essex, . .      | 591     | 607   | Suffolk, . .   | 1,535   | 1,490 |
| Franklin, . .   | 59      | 62    | Worcester, . . | 586     | 545   |
| Hampden, . .    | 313     | 299   |                |         |       |
| Hampshire, . .  | 80      | 78    | The State, . . | 5,288   | 5,221 |

*Pneumonia.* — The number of deaths from Pneumonia in 1899 was 4,993 an increase over the preceding year of 787 deaths. During the first quarter of the year there were 45·28 per cent. of all the deaths from this cause, 22·79 per cent. in the second quarter, 9·64 per cent. in the third quarter, and 22·29 per cent. in the fourth quarter of the year.

In the comparison of the counties for the years 1898 and 1899 it will be observed that there is an increase in deaths in every county, except Hampden, Hampshire, Nantucket, Suffolk and Worcester.

TABLE 71. — *Mortality from Pneumonia, by Months and Quarters, 1899.*

|                | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. |
|----------------|----------|-----------|--------|--------|------|-------|-------|---------|------------|----------|-----------|-----------|
| Months, . .    | 1,033    | 711       | 567    | 507    | 385  | 246   | 139   | 131     | 161        | 227      | 364       | 522       |
| Quarters, . .  | 2,311    |           |        | 1,138  |      |       | 431   |         |            | 1,113    |           |           |
| Percentages, . | 45.28    |           |        | 22.79  |      |       | 9.64  |         |            | 22.29    |           |           |

TABLE 72. — *Deaths from Pneumonia, by Counties. — 1898 and 1899.*

| COUNTIES.         | DEATHS |       | COUNTIES.        | DEATHS. |       |
|-------------------|--------|-------|------------------|---------|-------|
|                   | 1898.  | 1899. |                  | 1898.   | 1899. |
| Barnstable, . . . | 30     | 53    | Middlesex, . . . | 827     | 929   |
| Berkshire, . . .  | 135    | 149   | Nantucket, . . . | 3       | 5     |
| Bristol, . . .    | 310    | 454   | Norfolk, . . .   | 205     | 185   |
| Dukes, . . .      | 1      | 6     | Plymouth, . . .  | 98      | 148   |
| Essex, . . .      | 440    | 579   | Suffolk, . . .   | 1,312   | 1,515 |
| Franklin, . . .   | 60     | 64    | Worcester, . . . | 467     | 557   |
| Hampden, . . .    | 245    | 228   |                  |         |       |
| Hampshire, . . .  | 73     | 91    | The State, . . . | 4,206   | 4,993 |

*Whooping Cough.* — The number of deaths from this disease in 1899 was 338, which was one more than the number reported in 1898, and 167 more than the number reported in 1897.

TABLE 73. — *Mortality from Whooping Cough, by Counties. — 1890–1899.*

| COUNTIES.             | 1890. | 1891. | 1892. | 1893. | 1894. | 1895. | 1896. | 1897. | 1898. | 1899. |
|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Barnstable, . . . . . | 2     | 1     | 1     | 1     | 5     | 2     | 1     | 1     | 1     | 3     |
| Berkshire, . . . . .  | 19    | 6     | 4     | 4     | 13    | 4     | 7     | 3     | 6     | 5     |
| Bristol, . . . . .    | 44    | 12    | 36    | 23    | 38    | 11    | 32    | 14    | 16    | 37    |
| Dukes, . . . . .      | —     | —     | —     | —     | 1     | —     | —     | —     | 1     | 3     |
| Essex, . . . . .      | 72    | 19    | 25    | 50    | 40    | 36    | 38    | 15    | 75    | 60    |
| Franklin, . . . . .   | 2     | 4     | 3     | 1     | —     | 12    | 1     | —     | —     | 2     |
| Hampden, . . . . .    | 14    | 14    | 23    | 17    | 21    | 20    | 17    | 10    | 22    | 14    |
| Hampshire, . . . . .  | 12    | 5     | 2     | 2     | 4     | 19    | 1     | 2     | 6     | 6     |
| Middlesex, . . . . .  | 62    | 40    | 40    | 41    | 95    | 43    | 75    | 51    | 57    | 66    |
| Nantucket, . . . . .  | —     | —     | —     | —     | —     | —     | 1     | —     | —     | —     |
| Norfolk, . . . . .    | 15    | 9     | 5     | 12    | 24    | 10    | 8     | 10    | 17    | 12    |
| Plymouth, . . . . .   | 16    | 6     | 8     | 8     | 19    | 9     | 7     | 17    | 6     | 11    |
| Suffolk, . . . . .    | 72    | 75    | 71    | 63    | 134   | 58    | 81    | 44    | 82    | 89    |
| Worcester, . . . . .  | 33    | 28    | 30    | 52    | 41    | 45    | 13    | 4     | 48    | 30    |
| The State, . . . . .  | 363   | 219   | 248   | 274   | 435   | 269   | 282   | 171   | 337   | 338   |

*Brain Diseases.* — The number of deaths from this group of diseases, which includes apoplexy, paralysis, softening of the brain, insanity, cephalitis, and other unspecified diseases of the brain, in 1899 was 5,591, which was less by 80 deaths than the number reported in the previous year, but 315 larger than that of 1897.

TABLE 74. — *Deaths from Brain Diseases. Thirty-nine Years. — 1861–1899.*

| YEARS.        | Softening<br>of<br>the Brain. | Apoplexy. | Paralysis. | Insanity. | Cephalitis<br>and<br>Unspecified<br>Brain<br>Diseases. | Totals. |
|---------------|-------------------------------|-----------|------------|-----------|--|---------|
| 1861, . . . . | 42                            | 274       | 417        | 61        | 764  | 1,558   |
| 1862, . . . . | 48                            | 251       | 401        | 66        | 716  | 1,482   |
| 1863, . . . . | 38                            | 268       | 471        | 62        | 798  | 1,632   |
| 1864, . . . . | 46                            | 321       | 473        | 64        | 1,068  | 1,972   |
| 1865, . . . . | 43                            | 263       | 479        | 75        | 964  | 1,824   |
| 1866, . . . . | 58                            | 261       | 487        | 106       | 885  | 1,797   |
| 1867, . . . . | 41                            | 281       | 469        | 111       | 806  | 1,708   |
| 1868, . . . . | 56                            | 311       | 630        | 91        | 922  | 2,010   |
| 1869, . . . . | 67                            | 331       | 607        | 87        | 923  | 2,015   |
| 1870, . . . . | 74                            | 394       | 630        | 103       | 968  | 2,169   |
| 1871, . . . . | 71                            | 390       | 714        | 89        | 998  | 2,262   |
| 1872, . . . . | 94                            | 409       | 791        | 103       | 1,487  | 2,884   |
| 1873, . . . . | 90                            | 431       | 858        | 88        | 1,184  | 2,651   |
| 1874, . . . . | 103                           | 433       | 775        | 100       | 1,134  | 2,545   |
| 1875, . . . . | 99                            | 460       | 896        | 118       | 1,142  | 2,715   |
| 1876, . . . . | 95                            | 507       | 826        | 146       | 1,053  | 2,627   |
| 1877, . . . . | 109                           | 544       | 873        | 112       | 1,011  | 2,649   |
| 1878, . . . . | 118                           | 562       | 895        | 152       | 1,182  | 2,909   |
| 1879, . . . . | 105                           | 663       | 928        | 118       | 1,132  | 2,946   |
| 1880, . . . . | 121                           | 746       | 933        | 142       | 1,422  | 3,364   |
| 1881, . . . . | 112                           | 715       | 998        | 129       | 1,398  | 3,355   |
| 1882, . . . . | 112                           | 706       | 1,047      | 153       | 1,375  | 3,393   |
| 1883, . . . . | 122                           | 784       | 1,056      | 183       | 1,417  | 3,562   |
| 1884, . . . . | 136                           | 857       | 1,119      | 166       | 1,391  | 3,669   |
| 1885, . . . . | 126                           | 1,003     | 1,132      | 188       | 1,445  | 3,894   |
| 1886, . . . . | 118                           | 973       | 1,173      | 151       | 1,429  | 3,844   |
| 1887, . . . . | 118                           | 1,225     | 1,249      | 145       | 1,520  | 4,257   |
| 1888, . . . . | 117                           | 1,233     | 1,277      | 204       | 1,691  | 4,522   |
| 1889, . . . . | 121                           | 1,220     | 1,146      | 214       | 1,612  | 4,313   |
| 1890, . . . . | 109                           | 1,301     | 1,235      | 188       | 1,556  | 4,389   |
| 1891, . . . . | 129                           | 1,464     | 1,214      | 236       | 1,668  | 4,711   |
| 1892, . . . . | 119                           | 1,603     | 1,277      | 253       | 1,784  | 5,036   |
| 1893, . . . . | 124                           | 1,655     | 1,210      | 272       | 1,883  | 5,144   |
| 1894, . . . . | 113                           | 1,718     | 1,145      | 285       | 1,734  | 4,995   |
| 1895, . . . . | 107                           | 1,813     | 1,193      | 234       | 1,715  | 5,062   |
| 1896, . . . . | 113                           | 2,035     | 1,192      | 238       | 1,826  | 5,404   |
| 1897, . . . . | 100                           | 1,988     | 1,084      | 258       | 1,846  | 5,276   |
| 1898, . . . . | 115                           | 2,103     | 1,147      | 249       | 2,057  | 5,671   |
| 1899, . . . . | 94                            | 2,162     | 1,071      | 220       | 2,044  | 5,591   |

*Alcoholism.*—The number of deaths recorded in 1899 as due to this cause, including delirium tremens, was 170, an increase of 9 deaths as compared with the number reported in 1898. There is a marked difference in the number of deaths from this cause between the returns of the registrars and those of the medical examiners.

Of the whole number of deaths from this cause 135 or 79·41 per cent. were of men and 35 or 20·59 per cent. were of women.

TABLE 75.—*Deaths from Alcoholism.*—1871–1899.

| YEARS.    | Deaths. | Ratios to Total Mortality. | Death-rates per 100,000 Living. | YEARS.    | Deaths. | Ratios to Total Mortality. | Death-rates per 100,000 Living. |
|-----------|---------|----------------------------|---------------------------------|-----------|---------|----------------------------|---------------------------------|
| 1871, . . | 88      | 3·2                        | —                               | 1886, . . | 108     | 2·9                        | —                               |
| 1872, . . | 134     | 3·8                        | —                               | 1887, . . | 111     | 2·7                        | —                               |
| 1873, . . | 109     | 3·2                        | —                               | 1888, . . | 126     | 2·9                        | —                               |
| 1874, . . | 107     | 3·3                        | —                               | 1889, . . | 122     | 2·9                        | —                               |
| 1875, . . | 87      | 2·5                        | 5·2                             | 1890, . . | 151     | 3·5                        | 6·7                             |
| 1876, . . | 86      | 2·6                        | —                               | 1891, . . | 182     | 4·0                        | —                               |
| 1877, . . | 52      | 1·6                        | —                               | 1892, . . | 193     | 3·9                        | —                               |
| 1878, . . | 65      | 2·1                        | —                               | 1893, . . | 205     | 4·2                        | —                               |
| 1879, . . | 68      | 2·1                        | —                               | 1894, . . | 150     | 3·2                        | —                               |
| 1880, . . | 112     | 3·2                        | 6·3                             | 1895, . . | 178     | 3·7                        | 7·1                             |
| 1881, . . | 123     | 3·3                        | —                               | 1896, . . | 195     | 4·0                        | —                               |
| 1882, . . | 126     | 3·4                        | —                               | 1897, . . | 139     | 2·9                        | —                               |
| 1883, . . | 113     | 2·9                        | —                               | 1898, . . | 161     | 3·5                        | —                               |
| 1884, . . | 125     | 3·4                        | —                               | 1899, . . | 170     | 3·6                        | —                               |
| 1885, . . | 122     | 3·2                        | 6·3                             |           |         |                            |                                 |

In table 76 are presented the statistics of deaths by Cancer for a period of twenty-nine years, and from this table it appears that the rate in the census years per 10,000 of population has increased from 3·5 in 1875 to 7·0 in 1895, the highest since

the commencement of registration. The deaths of females from this cause comprise about two-thirds of the total deaths from cancer.

TABLE 76. — *Mortality from Cancer, for Twenty-nine Years. — 1871-1899.*

| YEARS.    | Deaths. | Death-rates<br>per 10,000 of<br>Population. | YEARS.    | Deaths. | Death-rates<br>per 10,000 of<br>Population. |
|-----------|---------|---|-----------|---------|---|
| 1871, . . | 551     | —   | 1886, . . | 1,104   | —   |
| 1872, . . | 542     | —   | 1887, . . | 1,174   | —   |
| 1873, . . | 611     | —   | 1888, . . | 1,275   | —   |
| 1874, . . | 585     | —   | 1889, . . | 1,325   | —   |
| 1875, . . | 593     | 3·5   | 1890, . . | 1,387   | 6·2   |
| 1876, . . | 657     | —   | 1891, . . | 1,395   | —   |
| 1877, . . | 646     | —   | 1892, . . | 1,402   | —   |
| 1878, . . | 807     | —   | 1893, . . | 1,533   | —   |
| 1879, . . | 862     | —   | 1894, . . | 1,568   | —   |
| 1880, . . | 928     | 5·6   | 1895, . . | 1,749   | 7·0   |
| 1881, . . | 949     | —   | 1896, . . | 1,798   | —   |
| 1882, . . | 987     | —   | 1897, . . | 1,739   | —   |
| 1883, . . | 1,026   | —   | 1898, . . | 1,907   | —   |
| 1884, . . | 1,060   | —   | 1899, . . | 1,838   | —   |
| 1885, . . | 1,087   | 5·6   |           |         |   |

In table 77 are presented the statistics of deaths from Bright's Disease, Nephritis, other Kidney diseases, and Dropsy, with the ratios to the total mortality. In this table Dropsy, which is only a symptom of disease, was in the earlier years of registration largely certified as a cause of death. It has materially decreased since 1882, so that in 1899 the number of deaths ascribed to this cause was only 69.

*Diseases of the Kidneys.* — For reasons set forth in the report of 1886, the diseases of the kidneys are considered in one group.

TABLE 77.—*Mortality from Bright's Disease, Nephritis and other Kidney Diseases, and from Dropsy, and Ratios to total Mortality. Forty-nine Years.*

| YEARS. | Total Mortality. | Deaths from Bright's Disease, Nephritis and other Kidney Diseases. | Ratio to Total Mortality per 1,000. | Deaths from Dropsy. | Ratio to Total Mortality per 1,000. | TOTALS. | Ratio to Total Mortality per 1,000. |
|--------|------------------|--|-------------------------------------|---------------------|-------------------------------------|---------|-------------------------------------|
| 1851,  | 18,934           | 27   | 1·4                                 | 390                 | 20·6                                | 417     | 22·0                                |
| 1852,  | 18,482           | 32   | 1·7                                 | 418                 | 22·6                                | 450     | 24·3                                |
| 1853,  | 20,301           | 35   | 1·7                                 | 465                 | 22·9                                | 500     | 24·6                                |
| 1854,  | 21,414           | 38   | 1·8                                 | 474                 | 22·1                                | 512     | 23·9                                |
| 1855,  | 20,798           | 56   | 2·7                                 | 501                 | 24·1                                | 557     | 26·8                                |
| 1856,  | 20,734           | 51   | 2·5                                 | 487                 | 23·4                                | 538     | 25·9                                |
| 1857,  | 21,280           | 45   | 2·1                                 | 512                 | 24·1                                | 557     | 26·2                                |
| 1858,  | 20,776           | 42   | 2·0                                 | 481                 | 23·2                                | 538     | 25·2                                |
| 1859,  | 20,976           | 56   | 2·7                                 | 522                 | 24·9                                | 578     | 27·6                                |
| 1860,  | 23,068           | 67   | 2·9                                 | 470                 | 20·4                                | 537     | 23·3                                |
| 1861,  | 24,085           | 91   | 3·7                                 | 440                 | 18·3                                | 531     | 22·0                                |
| 1862,  | 22,974           | 96   | 4·2                                 | 467                 | 20·3                                | 563     | 24·5                                |
| 1863,  | 27,751           | 111  | 4·0                                 | 533                 | 19·2                                | 644     | 23·2                                |
| 1864,  | 28,723           | 130  | 4·5                                 | 502                 | 17·5                                | 632     | 22·0                                |
| 1865,  | 26,152           | 173  | 6·6                                 | 492                 | 18·8                                | 665     | 25·4                                |
| 1866,  | 23,637           | 135  | 5·7                                 | 462                 | 19·5                                | 597     | 25·2                                |
| 1867,  | 22,772           | 161  | 7·1                                 | 421                 | 18·5                                | 582     | 25·6                                |
| 1868,  | 25,603           | 206  | 8·0                                 | 470                 | 18·4                                | 676     | 26·4                                |
| 1869,  | 26,054           | 239  | 9·2                                 | 458                 | 17·6                                | 697     | 26·8                                |
| 1870,  | 27,329           | 286  | 10·5                                | 491                 | 17·9                                | 777     | 28·4                                |
| 1871,  | 27,943           | 370  | 13·2                                | 527                 | 18·9                                | 897     | 32·1                                |
| 1872,  | 35,019           | 376  | 10·7                                | 618                 | 17·6                                | 994     | 28·3                                |
| 1873,  | 33,912           | 460  | 13·5                                | 545                 | 16·1                                | 1,005   | 29·6                                |
| 1874,  | 31,887           | 463  | 14·5                                | 469                 | 14·7                                | 932     | 29·2                                |
| 1875,  | 34,978           | 509  | 14·5                                | 474                 | 13·6                                | 983     | 28·1                                |
| 1876,  | 33,186           | 488  | 14·7                                | 445                 | 13·4                                | 933     | 28·1                                |
| 1877,  | 31,342           | 535  | 17·1                                | 412                 | 13·1                                | 947     | 30·2                                |
| 1878,  | 31,303           | 615  | 19·6                                | 370                 | 11·8                                | 985     | 31·4                                |
| 1879,  | 31,801           | 693  | 21·8                                | 380                 | 11·9                                | 1,073   | 33·7                                |
| 1880,  | 35,292           | 698  | 19·7                                | 271                 | 7·7                                 | 969     | 27·4                                |
| 1881,  | 36,458           | 825  | 22·6                                | 292                 | 8·0                                 | 1,117   | 30·6                                |
| 1882,  | 36,785           | 877  | 23·8                                | 313                 | 8·5                                 | 1,190   | 32·3                                |
| 1883,  | 37,748           | 959  | 25·4                                | 296                 | 7·8                                 | 1,255   | 33·2                                |
| 1884,  | 36,990           | 1,000  | 27·0                                | 234                 | 6·3                                 | 1,234   | 33·3                                |
| 1885,  | 38,094           | 1,088  | 28·6                                | 244                 | 6·4                                 | 1,332   | 35·0                                |
| 1886,  | 37,244           | 1,135  | 30·5                                | 219                 | 5·9                                 | 1,354   | 36·4                                |
| 1887,  | 40,763           | 1,120  | 27·4                                | 212                 | 5·2                                 | 1,332   | 32·7                                |
| 1888,  | 42,097           | 1,318  | 31·3                                | 204                 | 4·8                                 | 1,522   | 36·2                                |
| 1889,  | 41,777           | 1,258  | 30·1                                | 161                 | 3·8                                 | 1,419   | 33·9                                |
| 1890,  | 43,528           | 1,273  | 30·0                                | 175                 | 4·0                                 | 1,448   | 33·3                                |
| 1891,  | 45,185           | 1,474  | 32·6                                | 166                 | 3·7                                 | 1,640   | 36·3                                |
| 1892,  | 48,762           | 1,535  | 31·5                                | 130                 | 2·7                                 | 1,665   | 34·1                                |
| 1893,  | 49,084           | 1,637  | 32·3                                | 161                 | 3·3                                 | 1,798   | 36·6                                |
| 1894,  | 46,791           | 1,721  | 36·8                                | 123                 | 2·6                                 | 1,844   | 39·4                                |
| 1895,  | 47,540           | 1,860  | 39·1                                | 88                  | 1·8                                 | 1,948   | 41·0                                |
| 1896,  | 49,381           | 1,945  | 39·4                                | 122                 | 2·5                                 | 2,067   | 41·9                                |
| 1897,  | 47,419           | 1,943  | 41·0                                | 88                  | 1·9                                 | 2,031   | 42·9                                |
| 1898,  | 46,761           | 2,120  | 45·3                                | 85                  | 1·8                                 | 2,205   | 47·2                                |
| 1899,  | 47,710           | 2,151  | 45·1                                | 69                  | 1·4                                 | 2,220   | 46·5                                |



*Heart Disease.* — In table 78 are presented the deaths from Heart Disease, and the ratios by sexes, for the census years from 1850 to 1895. The great fatality from this disease will be observed from this table. In 1850 the ratio to 10,000 of population was 3·54, in 1895 the ratio was 14·26. The ratio of males to females was 15·01 to 13·55 from this cause in 1895.

TABLE 78. — *Deaths from Heart Diseases and Ratios by Sexes.*  
*Census Years 1850–1895.*

| YEARS.      | DEATHS FROM HEART DISEASES. |          |         | Sex Un-known. | RATIOS TO 10,000 OF LIVING POPULATION. |          |         | Percentage of Total Mortality. |
|-------------|-----------------------------|----------|---------|---------------|--|----------|---------|--------------------------------|
|             | Males.                      | Females. | Totals. |               | Males.                                 | Females. | Totals. |                                |
| 1850, . . . | 182                         | 169      | 352     | 1             | 3·72                                   | 3·34     | 3·54    | 2·12                           |
| 1855, . . . | 296                         | 225      | 521     | —             | 5·38                                   | 3·86     | 4·60    | 2·51                           |
| 1860, . . . | 344                         | 346      | 690     | —             | 5·76                                   | 5·46     | 5·61    | 2·99                           |
| 1865, . . . | 426                         | 379      | 805     | —             | 7·07                                   | 5·69     | 6·35    | 3·07                           |
| 1870, . . . | 514                         | 447      | 962     | 1             | 7·30                                   | 5·93     | 6·60    | 3·52                           |
| 1875, . . . | 649                         | 681      | 1,331   | 1             | 8·17                                   | 7·82     | 8·06    | 3·80                           |
| 1880, . . . | 876                         | 850      | 1,726   | —             | 10·20                                  | 9·19     | 9·68    | 4·89                           |
| 1885, . . . | 1,117                       | 1,110    | 2,227   | —             | 11·97                                  | 11·00    | 11·46   | 5·85                           |
| 1890, . . . | 1,695                       | 1,722    | 3,417   | —             | —                                      | —        | 15·26   | 7·85                           |
| 1895, . . . | 1,824                       | 1,742    | 3,566   | —             | 15·01                                  | 13·55    | 14·26   | 7·50                           |

*Malarial Fevers.* — From Ague and Remittent Fever there were reported in 1899, 55 deaths, occurring in all the counties except Barnstable, Dukes, Franklin, Nantucket and Plymouth. Worcester, Middlesex, Essex and Bristol reported the largest number.

*Syphilis.* — From this disease there were reported 59 deaths, the largest number occurring in Middlesex and Suffolk counties.

*Hydrophobia.* — There were no deaths from Hydrophobia or from Glanders reported in 1899.

*Anthrax or Malignant Pustule.* — There were no deaths from Anthrax reported in 1899.

## THE RETURNS OF MEDICAL EXAMINERS.

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Chapter 379 of the Acts of 1885 provides that the Secretary of the Commonwealth “shall prepare, or cause to be prepared from such returns such tabular results as will render them of practical utility” and that these shall annually be reported “to the General Court, in connection with the report of the registry and return of births, marriages and deaths.”

In accordance with that provision tables I. and II. have been prepared. These tables include all cases where the cause of death has been investigated by the medical examiners, after notice that the death was supposed to have resulted from violence.

As in previous years a careful examination of the returns reveals the fact that the general authorities having to do with cases of sudden or violent or mysterious death still fail to appreciate the nature of the duties of the medical examiner, and it appears that he is often summoned in cases where under the wording and intent of the statute he is not only not required to act but is actually prohibited from acting.

“Medical examiners shall make examination as hereinafter provided upon the view of the dead bodies of such persons *only* as are supposed to have come to their death by *violence*.” Sec. 10, Chap. 26, Public Statutes.

The returns for the year 1899 show that 37 per cent. of all the cases examined were cases where the death was from natural causes, as compared with 32·97 per cent. in 1898, and if there be included cases where the cause was unknown or ill-defined the percentage in 1899 was 39·9 as compared with 35·7 in 1898. The returns for the last decade show that during the entire period the cases of death from natural causes “including alcoholism” amounted to an average of 37·19 per cent. yearly, a decrease as compared with the decade 1889–1898, when this class comprised practically one-half of all the cases examined.

The editor admits that to draw a hard and fast line between cases that should be investigated by the medical examiner and those which should not is a matter of such difficulty as to almost amount to an impossibility; for instance, in the year 1899 the medical examiners investigated 65 cases, or 2·7 per cent. of the whole number investigated, where the death was returned as from “still birth” or “premature birth.” Undoubtedly many of these cases were such that a reasonable supposition of infanticide may have been entertained thus clearly bringing the cases within the province of the medical examiner; on the other hand very many were cases of fœtuses in the earliest stages of development which could not at any time have been considered “persons” whose “dead bodies” were to be the subject of official investigation. The writer believes that the cause of death of a fœtus of non-viable age should not be a subject for investigation by a medical examiner, but inasmuch as the medical examiner is generally notified by some one not having the medical knowledge requisite to enable him to differentiate between bodies of infants viable and those non-viable, there seems no way of relieving the examiner from the duty of viewing all cases of infants whose death he is called upon to investigate.

There is, however, as shown by the returns a very large number of cases to which the medical examiner is called, which on the face of things could not have been attended with circumstances causing a supposition of violence. Such cases are those of heart disease, apoplexy and even phthisis, where the death was simply sudden or where no physician had been in recent attendance. To such cases the medical examiner is called in order that a certificate for burial may be obtained, thus putting upon this official the duties which properly belong to another; namely, the city or town physician, or the family physician.

On the other hand, it is not easy to see why cases of deaths from alcoholism are not cases for the medical examiner in every instance. Aside from the cases where alcohol is simply a contributory factor in an accidental, suicidal or homicidal death, a death from alcoholism seems as clearly to be a death from violence, that is, from a cause not natural, as is a case of opium poisoning, and it seems to the writer that such deaths should be classified among the deaths from accident and not grouped with the deaths from natural causes.

The so-called "medical examiner" law has been now in operation more than twenty-two years, and nearly half of the cases investigated receive the attention of the examiner after notification by persons who possibly do not comprehend his duties, and who call upon the medical examiner to perform unnecessary labor and impose upon the various counties unnecessary and illegitimate expense. It is, however, possible that a proper appreciation of the intent of the provisions of the statute may obtain in the future.

It appears from a comparison of the tables based upon the returns of the registrars and those based upon the returns of the medical examiners that there is a discrepancy especially as to the deaths from homicide and suicide. For instance from the returns of the medical examiners it appears that in the State in 1899 there were 319 cases of suicide, while in the returns by the registrars the number is given as 291, a difference of 28 deaths. The reason for this discrepancy is sufficiently obvious, and it is fair to assume that the returns of the medical examiners are the more accurate.

The question of homicide, suicide or accident is often not determined until after the certificate for burial purposes has been furnished to the registrar. This is notably true in cases of hypothetical poisoning, where the long process of chemical examination is necessary for an accurate determination of the facts.

Table 79 sets forth the relative proportion of views to autopsies in the different counties and the whole State for the ten year period 1890-1899.

TABLE 79. — *Views and Autopsies for Ten Years, 1890–1899, arranged by Counties with Ratio of Autopsies to Views for the Individual Counties and the Whole State.*

| COUNTIES.      | 1890.  |            | 1891.  |            | 1892.  |            | 1893.  |            | 1894.  |            | 1895.  |            | 1896.  |            | 1897.  |            | 1898.  |            | 1899.  |            | TOTALS<br>10 YEARS. |            | RATIO OF<br>AUTOPSIES<br>TO<br>VIEWS. |
|----------------|--------|------------|--------|------------|--------|------------|--------|------------|--------|------------|--------|------------|--------|------------|--------|------------|--------|------------|--------|------------|---------------------|------------|---------------------------------------|
|                | Views. | Autopsies. | Views. | Autopsies. | Views. | Autopsies. | Views. | Autopsies. | Views. | Autopsies. | Views. | Autopsies. | Views. | Autopsies. | Views. | Autopsies. | Views. | Autopsies. | Views. | Autopsies. | Views.              | Autopsies. |                                       |
| Barnstable, .  | 21     | 5          | 16     | 1          | 23     | 1          | 39     | 1          | 19     | 3          | 20     | 1          | 20     | 2          | 15     | -          | 80     | 1          | 27     | 2          | 270                 | 17         | 1 to 15.9                             |
| Berkshire, .   | 67     | 9          | 55     | 7          | 80     | 6          | 67     | 6          | 64     | 5          | 56     | 6          | 65     | 2          | 61     | 10         | 70     | 7          | 68     | 5          | 653                 | 63         | 1 to 10.3                             |
| Bristol, .     | 155    | 9          | 167    | 20         | 264    | 39         | 264    | 41         | 248    | 25         | 241    | 24         | 253    | 16         | 261    | 13         | 272    | 11         | 244    | 12         | 2,341               | 209        | 1 to 11.2                             |
| Dukes, .       | 2      | 0          | 4      | 0          | 5      | 1          | 3      | 0          | 10     | 0          | 7      | 1          | 1      | -          | 4      | -          | 18     | -          | 8      | -          | 64                  | 2          | 1 to 32.0                             |
| Essex, .       | 231    | 18         | 232    | 16         | 237    | 22         | 243    | 12         | 227    | 19         | 269    | 19         | 306    | 26         | 239    | 13         | 308    | 21         | 298    | 18         | 2,562               | 182        | 1 to 15.2                             |
| Franklin, .    | 29     | 2          | 40     | 1          | 45     | 1          | 45     | 2          | 34     | 1          | 27     | 2          | 48     | -          | 34     | 1          | 43     | 1          | 33     | 2          | 364                 | 11         | 1 to 33.1                             |
| Hampden, .     | 127    | 11         | 145    | 10         | 184    | 13         | 179    | 22         | 128    | 22         | 161    | 20         | 180    | 19         | 175    | 22         | 186    | 14         | 181    | 19         | 1,645               | 173        | 1 to 9.5                              |
| Hampshire, .   | 27     | 1          | 39     | 2          | 33     | 5          | 36     | 2          | 25     | 0          | 32     | 2          | 38     | -          | 51     | 5          | 39     | 1          | 49     | 2          | 366                 | 23         | 1 to 15.9                             |
| Middlesex, .   | 256    | 17         | 317    | 32         | 343    | 42         | 336    | 27         | 341    | 37         | 403    | 32         | 401    | 37         | 378    | 36         | 443    | 37         | 426    | 33         | 3,664               | 331        | 1 to 11.1                             |
| Nantucket, .   | 2      | 0          | 0      | 0          | 2      | 2          | 2      | 0          | 2      | 0          | 1      | 0          | 1      | -          | 1      | -          | 4      | -          | -      | -          | 15                  | 2          | 1 to 7.5                              |
| Norfolk, .     | 107    | 1          | 65     | 5          | 79     | 7          | 76     | 4          | 103    | 7          | 107    | 12         | 89     | 8          | 96     | 4          | 131    | 4          | 116    | 5          | 969                 | 57         | 1 to 17.0                             |
| Plymouth, .    | 41     | 2          | 44     | 7          | 54     | 8          | 47     | 4          | 45     | 0          | 51     | 7          | 52     | 3          | 58     | 5          | 99     | 4          | 73     | 8          | 562                 | 50         | 1 to 11.2                             |
| Suffolk, .     | 554    | 122        | 514    | 113        | 601    | 115        | 601    | 123        | 631    | 137        | 644    | 128        | 655    | 77         | 624    | 120        | 644    | 97         | 625    | 130        | 6,072               | 1,133      | 1 to 5.3                              |
| Worcester, .   | 154    | 9          | 202    | 11         | 260    | 10         | 233    | 25         | 287    | 16         | 298    | 17         | 307    | 23         | 282    | 16         | 311    | 32         | 301    | 32         | 2,653               | 195        | 1 to 13.8                             |
| The State,     | 1,773  | 206        | 1,840  | 225        | 2,210  | 272        | 2,221  | 269        | 2,159  | 272        | 2,317  | 271        | 2,416  | 213        | 2,279  | 245        | 2,648  | 230        | 2,449  | 268        | 20,250              | 2,448      | 1 to 8.3                              |
| Ratio, . . . . | 8.6    |            | 8.2    |            | 8.1    |            | 8.3    |            | 7.9    |            | 8.5    |            | 11.3   |            | 9.3    |            | 11.5   |            | 10.9   |            |                     |            |                                       |

From table 79 it appears that the county of Suffolk, having the largest population, has the highest ratio of autopsies to views for the decade 1890-1899; and the county of Nantucket having the smallest population, has the next highest ratio of autopsies to views.

The total number of deaths the cause of which was investigated by the medical examiners in 1899 was 2,449. This number is less by 199 than the number reported in 1898 and 234 less than the average number reported during the ten years 1890-1899.

Of the cases investigated in 1899, 1,788 or 73 per cent. were those of males and 661 or 27 per cent. were those of females.

The following table gives the comparative data in the matter of sex for the ten years 1890-1899.

TABLE 80.

| YEARS.        | Males. | Percentage. | Females. | Percentage. | Unspecified. | Percentage. | Totals. |
|---------------|--------|-------------|----------|-------------|--------------|-------------|---------|
| 1890, . . .   | 1,303  | 73·5        | 449      | 25·3        | 21           | 1·2         | 1,773   |
| 1891, . . .   | 1,362  | 74·0        | 457      | 24·8        | 21           | 1·2         | 1,840   |
| 1892, . . .   | 1,642  | 74·3        | 560      | 25·3        | 8            | 0·4         | 2,210   |
| 1893, . . .   | 1,678  | 75·6        | 530      | 23·9        | 13           | 0·5         | 2,221   |
| 1894, . . .   | 1,649  | 76·4        | 505      | 23·4        | 5            | 0·2         | 2,159   |
| 1895, . . .   | 1,721  | 74·3        | 582      | 25·1        | 14           | 0·6         | 2,317   |
| 1896, . . .   | 1,773  | 73·3        | 638      | 26·4        | 5            | 0·3         | 2,416   |
| 1897, . . .   | 1,658  | 72·8        | 612      | 26·9        | 9            | 0·3         | 2,279   |
| 1898, . . .   | 1,961  | 74·0        | 683      | 25·8        | 4            | 0·2         | 2,648   |
| 1899, . . .   | 1,788  | 73·0        | 661      | 27·0        | —            | —           | 2,449   |
| Totals, . . . | 16,535 | 74·1        | 5,677    | 25·4        | 100          | 0·5         | 22,312  |

*Homicide.* — The number of deaths reported as from homicide in 1899 was 57 or 2·29 per cent of the whole number investigated during the year, as compared with 79 or 2·98 per cent in 1898, 70 or 3·07 per cent in 1897, and 665 or 2·97 per cent for the decade 1890-1899.

Of the whole number 12 were cases of abortion, 31 were homicides by firearms, and 13 by other methods and there was one case of infanticide. There were no cases of homicidal poisoning reported during the year.

*Suicide.* — The number of deaths reported by the medical examiners in 1899 as from suicide was 319 or 13·03 per cent, as compared with 331 or 12·50 per cent in 1898, 285 or 12·51 per cent in 1897 and 2,751 or 12·25 per cent for the ten year period.

*Methods of Suicide.* — Of the whole number of suicides reported 80 were committed by firearms, 17 by cutting the throat or stabbing, 39 by drowning, 72 by hanging, 74 by poison, 2 by throwing the body in front of a moving train, 30 by illuminating gas, and 4 by leaping from a height.

*Sex.* — Of the 319 deaths reported as from suicide, 245 or 76·8 per cent were males and 74 or 23·2 per cent were females as compared with 251 or 75·83 per cent for males and 80 or 24·17 per cent for females in 1898. Of the suicides by illuminating gas 23 were males and 7 were females.

Of the 74 cases of suicide by poison 21 were by carbolic acid, 9 by arsenic and its compounds including “Rough on Rats,” 19 by opium in some form and 25 by other kinds of poison. Of the suicides by poisoning 48 were males and 26 were females.

Of the 97 cases of suicide reported as from shooting, cutting the throat, etc., all but 9 were males; of 39 cases of suicidal drowning 28 were males; of 72 cases of suicidal hanging 54 were males.

The mortality from suicide in the different counties for the year 1899 is presented in the following order: —

|                      |     |                       |    |
|----------------------|-----|-----------------------|----|
| Suffolk, . . . . .   | 117 | Bristol, . . . . .    | 11 |
| Essex, . . . . .     | 51  | Plymouth, . . . . .   | 10 |
| Middlesex, . . . . . | 38  | Barnstable, . . . . . | 5  |
| Worcester, . . . . . | 36  | Hampshire, . . . . .  | 4  |
| Hampden, . . . . .   | 20  | Franklin, . . . . .   | 1  |
| Norfolk, . . . . .   | 14  | Dukes, . . . . .      | 1  |
| Berkshire, . . . . . | 11  | Nantucket, . . . . .  | 0  |

Table 81 shows the number of deaths from suicide by counties and for the whole state for the ten years 1890–1899, and shows the ratio of suicide to total mortality by counties and state for the same period.

The ratio of death by suicide to the total mortality for the year 1899 was 6·7 per thousand, while the ratio for the ten year period was 5·8 per thousand.

TABLE 81. — *Deaths from Suicide by Counties. — 1890-1899.*

| COUNTIES.             | 1890. | 1891. | 1892. | 1893. | 1894. | 1895. | 1896. | 1897. | 1898. | 1899. | TOTALS.    |                                     |
|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|-------------------------------------|
|                       |       |       |       |       |       |       |       |       |       |       | Numbers.   | Ratio to total mortality per 1,000. |
|                       |       |       |       |       |       |       |       |       |       |       | 1890-1899. |                                     |
| The State, . . . . .  | 196   | 187   | 274   | 290   | 270   | 281   | 318   | 285   | 331   | 319   | 2,751      | 5·8                                 |
| Barnstable, . . . . . | 2     | 1     | 1     | 3     | —     | 4     | 5     | 2     | 3     | 5     | 26         | 5·6                                 |
| Berkshire, . . . . .  | 13    | 4     | 5     | 9     | 16    | 8     | 5     | 6     | 6     | 11    | 83         | 5·8                                 |
| Bristol, . . . . .    | 16    | 7     | 16    | 22    | 10    | 13    | 20    | 12    | 18    | 11    | 145        | 2·9                                 |
| Dukes, . . . . .      | 1     | —     | —     | —     | —     | 2     | —     | —     | —     | 1     | 4          | 4·5                                 |
| Essex, . . . . .      | 24    | 38    | 25    | 32    | 34    | 28    | 41    | 29    | 34    | 51    | 336        | 5·5                                 |
| Franklin, . . . . .   | 6     | 7     | 8     | 7     | 6     | 2     | 9     | 3     | 4     | 1     | 53         | 8·5                                 |
| Hampden, . . . . .    | 8     | 11    | 23    | 19    | 19    | 19    | 15    | 23    | 19    | 20    | 168        | 5·8                                 |
| Hampshire, . . . . .  | 4     | 3     | 2     | 8     | 4     | 3     | 4     | 7     | 2     | 4     | 41         | 4·6                                 |
| Middlesex, . . . . .  | 27    | 31    | 45    | 46    | 38    | 46    | 53    | 37    | 66    | 38    | 427        | 4·8                                 |
| Nantucket, . . . . .  | 1     | —     | —     | —     | 1     | —     | —     | —     | 2     | —     | 3          | 4·3                                 |
| Norfolk, . . . . .    | 15    | 5     | 7     | 13    | 13    | 16    | 16    | 11    | 13    | 14    | 123        | 5·6                                 |
| Plymouth, . . . . .   | 5     | 7     | 10    | 11    | 13    | 10    | 14    | 10    | 18    | 10    | 108        | 6·3                                 |
| Suffolk, . . . . .    | 54    | 52    | 100   | 92    | 82    | 94    | 108   | 109   | 105   | 117   | 913        | 7·6                                 |
| Worcester, . . . . .  | 20    | 21    | 31    | 28    | 34    | 36    | 28    | 36    | 41    | 36    | 311        | 5·6                                 |



TABLE 82. — *Recapitulation 10 Years, 1890-1899.*

|         | HOMICIDE. |              | SUICIDE. |              | ACCIDENT OR NEGLIGENCE. |              | NATURAL AND UNKNOWN CAUSES, INCLUDING ALCOHOLISM. |              | Totals. |
|---------|-----------|--------------|----------|--------------|-------------------------|--------------|---|--------------|---------|
|         | Numbers.  | Percentages. | Numbers. | Percentages. | Numbers.                | Percentages. | Numbers.  | Percentages. |         |
| 1890, . | 35        | 1.97         | 196      | 11.05        | 862                     | 48.62        | 680   | 38.36        | 1,773   |
| 1891, . | 60        | 3.26         | 187      | 10.16        | 866                     | 47.06        | 727   | 39.52        | 1,840   |
| 1892, . | 72        | 3.26         | 274      | 12.40        | 974                     | 44.07        | 890   | 40.27        | 2,209   |
| 1893, . | 76        | 3.42         | 290      | 13.06        | 976                     | 43.95        | 879   | 39.57        | 2,221   |
| 1894, . | 68        | 3.15         | 270      | 12.51        | 975                     | 45.16        | 846   | 39.18        | 2,159   |
| 1895, . | 74        | 3.19         | 281      | 12.13        | 1,019                   | 43.98        | 943   | 40.70        | 2,317   |
| 1896, . | 74        | 3.06         | 318      | 13.16        | 1,042                   | 43.13        | 982   | 40.65        | 2,416   |
| 1897, . | 70        | 3.07         | 285      | 12.51        | 961                     | 42.17        | 963   | 42.25        | 2,279   |
| 1898, . | 79        | 2.98         | 331      | 12.50        | 1,194                   | 45.09        | 1,044   | 39.43        | 2,648   |
| 1899, . | 57        | 2.29         | 319      | 13.03        | 1,001                   | 48.69        | 1,072   | 35.99        | 2,449   |
| Totals, | 665       | 2.97         | 2,751    | 12.25        | 9,870                   | 45.59        | 9,026   | 37.19        | 22,312  |

*Accident or Negligence.* — From accident or negligence there were reported in 1899, 1,001 or 48.69 per cent of all the cases investigated, as compared with 1,194 cases or 45.09 per cent in 1898, 961 cases or 42.17 per cent in 1897 and 9,870 cases or 45.59 per cent for the ten-year period, 1890-1899.

From all other causes, including alcoholism as well as unknown or ill-defined causes, usually of a sudden nature, there were reported 1,072 cases or 35.99 per cent, as compared with 1,044 cases or 39.43 per cent in 1898, 963 cases or 42.25 per cent in 1897, and 9,026 cases or 37.19 per cent for the ten-year period.

Of the deaths from accident the principal causes were as follows : —

|                                    |     |                               |    |
|------------------------------------|-----|-------------------------------|----|
| By railroad accident, . . . . .    | 250 | By elevators, . . . . .       | 20 |
| drowning, . . . . .                | 225 | other machinery, . . . . .    | 7  |
| falls, blows and falling           |     | poisons, . . . . .            | 38 |
| bodies, . . . . .                  | 173 | illuminating gases, . . . . . | 35 |
| burns, scalds, etc., . . . . .     | 86  | exposure, . . . . .           | 7  |
| electric cars, . . . . .           | 32  | horses, etc., . . . . .       | 2  |
| other vehicles, including          |     | firearms, . . . . .           | 14 |
| bicycles, . . . . .                | 34  | lightning, . . . . .          | 6  |
| overlying, . . . . .               | 13  | electric shock, . . . . .     | 9  |
| other forms of asphyxia, . . . . . | 37  |                               |    |

*Intemperance.* — As to how far the abuse of alcoholic stimulants was a factor in the deaths reported as having been the subjects for official examination by the medical examiners the returns for 1899 lack, as in former years, though to a less extent, much in the way of completeness, and the continued lack of uniformity in the reports makes it a matter of considerable difficulty to arrive at a correct estimate of the number of deaths resulting wholly or in part from intemperance. The weight given this factor in any special case seems to depend largely upon the temperament, ideas and individuality of the respective medical examiners.

The number of persons who are reported as having died from intemperance in 1899 as stated in the tables constructed from the returns of the medical examiners is 7 less than the number reported in the tables in 1898 and was 3·79 per cent of the whole number of cases investigated, as compared with 3·78 per cent in 1898.

Influenza appears to have lost weight as a factor in suicide. The cheap and deadly illuminating gas now furnished shows an increasing roll of victims from accident, and its popularity as a method of suicide is not diminished.

# STATISTICAL NOSOLOGY.

ADOPTED FOR REGISTRATION IN MASSACHUSETTS.

The following plan of a Nomenclature and Classification of Diseases does not essentially differ from that authorized by the Registrar-General of England to be used in the preparation of the "Weekly Return of Births and Deaths in London," and is also, with slight modifications, identical with that embodied in a report drawn up by William Farr, Esq., M.D., of London, for the consideration of the International Statistical Congress which met at Paris in September, 1855; which report was printed in the Appendix to the Sixteenth Registration Report of the Registrar-General, England.

NOTE.—This page and those that follow contain two lists of causes of death. The first—that on the left side—may be called the **TABULAR LIST**, and comprises all the heads which it is proposed to admit into the complete tables, and under which ALL deaths, from whatever cause, are finally distributed. It represents those diseases which, under the same terms, or terms strictly synonymous with them, are found in practice to occur most frequently.

THE **SUPPLEMENTAL LIST** is *subordinate* to the first, and contains the principal *special* diseases which it may be considered desirable to note. The figures in this list indicate the corresponding numbers of the tabular list under which such diseases are ultimately arranged.

## CAUSES OF DEATH.

| TABULAR LIST.  | SUPPLEMENTAL LIST.  |
|--|---|
| CLASS I.—ZYMOTIC DISEASES.   | <i>Of Diseases of Special Character,<br/>or rarely fatal.</i>   |
| ORDER 1.— <i>Miasmatic.</i>  |   |
| <p>I. 1.—1. Small-pox . . . . .</p> <p>2. Measles . . . . .</p> <p>3. Scarlatina . . . . .</p> <p>4. Diphtheria . . . . .</p> <p>5. Cerebro-spinal Meningitis . . . . .</p> <p>6. Quinsy . . . . .</p> <p>7. Croup . . . . .</p> <p>8. Whooping Cough . . . . .</p> <p>9. Typhoid (and Infantile Fever) . . . . .</p> <p>10. Erysipelas . . . . .</p> <p>11. Metria (Puerperal Fever) . . . . .</p> <p>12. Carbuncle . . . . .</p> <p>13. Influenza . . . . .</p> <p>14. Dysentery . . . . .</p> <p>15. Diarrhœa . . . . .</p> | <p>I. 1.—1. Vaccination not stated.<br/>Small-pox (second attack).<br/>After vaccination.<br/>Erysipelas, &amp;c., after vaccination.<br/>Chicken pox.<br/>Miliaria.<br/>3. Angina maligna.<br/>5. "Spotted fever."<br/>6. Mumps.<br/>Tonsillitis.<br/>9. Typhus fever.<br/>10. Pyæmia.<br/>Hospital gangrene.<br/>Erythema.<br/>11. Childbed fever.<br/>12. Anthrax.</p> |

## CAUSES OF DEATH—(CONTINUED).

| TABULAR LIST.   | SUPPLEMENTAL LIST.   |
|---|--|
| CLASS I.—(CONTINUED).   |  |
| ORDER 1.— <i>Miasmatic</i> .  |  |
| I. 1.—16. Cholera Infantum . . . . .<br>17. Cholera . . . . .<br>18. Ague . . . . .<br>19. Remittent Fever . . . . .<br>20. Rheumatism . . . . .  | 18. Intermittent fever.<br>19. Yellow fever.<br>20. Rheumatism, with pericarditis, or disease of heart.  |
| ORDER 2.— <i>Ethetic</i> .  |  |
| I. 2.—1. Syphilis . . . . .<br>2. Stricture of Urethra . . . . .<br>3. Hydrophobia . . . . .<br>4. Glanders . . . . .<br>5. Malignant Pustule . . . . .<br>6. Septicæmia . . . . .  | I. 2.—1. Gonorrhœa.<br>Purulent ophthalmia.<br>6. Necrosis (usually from dissection wounds).   |
| ORDER 3.— <i>Dietic</i> .   |  |
| I. 3.—1. Privation . . . . .<br>2. Purpura and Scurvy . . . . .<br>3. Delirium Tremens, { (Alcoholism)<br>4. Intemperance, }  | I. 3.—1. Want of breast milk.<br>2. Rickets.<br>Bronchocele.   |
| ORDER 4.— <i>Parasitic</i> .  |  |
| I. 4.—1. Thrush . . . . .<br>2. Worms, &c. . . . .  | I. 4.—2. Porrigio.<br>Scabies.<br>Tape worm.<br>Hydatids.<br>Trichiniasis.   |
| CLASS II.—CONSTITUTIONAL DISEASES.  |  |
| ORDER 1.— <i>Diathetic</i> .  |  |
| II. 1.—1. Gout . . . . .<br>2. Dropsy . . . . .<br>3. Anæmia . . . . .<br>4. Cancer . . . . .<br>5. Noma (Canker) . . . . .<br>6. Mortification . . . . .   | II. 1.—3. Leucocythæmia.<br>4. Soft cancer.<br>Epithelioma.<br>Sweeps' cancer.<br>Melanosis.<br>Other kinds of cancer.<br>Polypus (part not stated).<br>Lupus.<br>6. Bed-sore.   |
| ORDER 2.— <i>Tubercular</i> .   |  |
| II. 2.—1. Scrofula . . . . .<br>2. Tabes Mesenterica . . . . .<br>3. Phthisis (Consumption of Lungs)<br>4. Hydrocephalus . . . . .  | II. 2.—1. Psoas (Lumbar) abscess.<br>White swelling.<br>Cretinism (Goitre).<br>Adenitis, Cellulitis.<br>2. Tubercular peritonitis.<br>3. Hæmoptysis.<br>4. Tubercular meningitis.  |
| CLASS III.—LOCAL DISEASES.  |  |
| ORDER 1.— <i>Nervous System</i> .   |  |
| III. 1.—1. Cephalitis . . . . .<br>2. Apoplexy . . . . .<br>3. Paralysis . . . . .<br>4. Insanity . . . . .<br>5. Chorea . . . . .<br>6. Epilepsy . . . . .<br>7. Tetanus . . . . .<br>8. Convulsions . . . . .<br>9. <i>Brain Diseases,* &amp;c.</i> . . . . . | III. 1.—1. Phrenitis. Myelitis.<br>4. Monomania.<br>Fright.<br>Grief.<br>Melancholia.<br>Rage.<br>6. Hysteria.<br>8. Laryngismus stridulus.<br>9. Neuralgia.<br>Ophthalmia.<br>Otitis.<br>Dis. of spinal nerve.<br>Necrencephalus (Ramolissement). |

\* Other diseases of the brain, or diseases of the nervous system, not otherwise distinguished, are referred to this head. *Mutatis mutandis*, the note applies to the corresponding heads in other orders of this class.

## CAUSES OF DEATH—(CONTINUED).

| TABULAR LIST.   | SUPPLEMENTAL LIST.   |
|---|--|
| CLASS III.—(CONTINUED).   |  |
| ORDER 2.— <i>Organs of Circulation.</i>   |  |
| III. 2.—1. Pericarditis * . . . .<br>2 Aneurism . . . . .<br>3. <i>Heart Diseases, &amp;c.</i> . . . .  | III. 2.—1. Carditis.<br>Endocarditis.<br>3. Hypertrophia.<br>Angina pectoris.<br>Syncope.<br>Arteritis.<br>Phlebitis.<br>Hydropericardium.   |
| ORDER 3.— <i>Respiratory Organs.</i>  |  |
| III. 3.—1. Epistaxis . . . . .<br>2. Laryngitis, . . . . .<br>3. Bronchitis . . . . .<br>4. Pleurisy . . . . .<br>5. Pneumonia . . . . .<br>6. Asthma . . . . .<br>7. <i>Lung Diseases, &amp;c.</i> . . . .   | III. 3.—2. Edema glottidis.<br>4. Empyema.<br>Hydrothorax.<br>Diaphragmitis.<br>Pneumothorax.<br>5. Pulmonary apoplexy.<br>6. Grinders' asthma.<br>Miners' asthma.<br>Emphysema.   |
| ORDER 4.— <i>Digestive Organs.</i>  |  |
| III. 4.—1. Gastritis . . . . .<br>2. Enteritis . . . . .<br>3. Peritonitis . . . . .<br>4. Ascites . . . . .<br>5. Ulceration of Intestines . . . .<br>6. Hernia . . . . .<br>7. Ileus . . . . .<br>8. Intussusception . . . . .<br>9. Stricture of Intestines . . . .<br>10. Fistula . . . . .<br>11. <i>Stomach Disease, &amp;c.</i> . . . .<br>12. <i>Pancreas Diseases, &amp;c.</i> . . . .<br>13. Hepatitis . . . . .<br>14. Jaundice . . . . .<br>15. <i>Liver Disease, &amp;c.</i> . . . .<br>16. <i>Spleen Disease, &amp;c.</i> . . . . | III. 4.—1. Glossitis.<br>Stomatitis.<br>Pharyngitis.<br>Oesophagitis.<br>5. Perforation of—<br>6. Congenital.<br>Femoral.<br>Inguinal.<br>Scrotal.<br>Umbilical.<br>Ventral.<br>7. Constipation.<br>9. Strict. oesophagus.<br>11. Dyspepsia.<br>Pyrosis.<br>Gastralgia.<br>Hæmatemesia.<br>Mælena.<br>Hæmorrhoids.<br>14. Gall stones.<br>15. Cirrhosis. |
| ORDER 5.— <i>Urinary Organs.</i>  |  |
| III. 5.—1. Nephritis (Bright's Dis., &c.) .<br>2. Ischuria . . . . .<br>3. Diabetes . . . . .<br>4. Calculus (Gravel, &c.) . . . .<br>5. Cystitis . . . . .<br>6. <i>Kidney Disease, &amp;c.</i> . . . .  | III. 5.—1. Albuminuria.<br>5. Cystirrhœa.<br>6. Diuresis.<br>Hæmaturia.<br>Dis. of prostate.<br>Dis. of bladder.   |
| ORDER 6.— <i>Generative Organs.</i>   |  |
| III. 6.—1. Ovarian Dropsy . . . . .<br>2. <i>Disease of Uterus, &amp;c.</i> . . . .   | III. 6.—1. Ovarian tumor.<br>2. Hysteritis, Metritis (Inflammation of womb).<br>Uterine tumor.<br>Polypus uteri.<br>Orchitis.<br>Hydrocele.  |
| ORDER 7.— <i>Organs of Locomotion.</i>  |  |
| III. 7.—1. Arthritis . . . . .<br>2. <i>Joint Disease, &amp;c.</i> . . . .  | III. 7.—1. Ostitis.<br>Periostitis.<br>2. Fragilitas ossium.<br>Mollities ossium.<br>Caries. Necrosis.<br>Exostosis.<br>Hip disease.<br>Spine disease.   |

## CAUSES OF DEATH — (CONTINUED).

| TABULAR LIST.  | SUPPLEMENTAL LIST.  |
|--|---|
| <p>CLASS III. — (CONTINUED).</p> <p>ORDER 8. — <i>Integumentary System.</i></p> <p>III. 8. — 1. Phlegmon . . . . .</p> <p>          2. Ulcer . . . . .</p> <p>          3. <i>Skin Diseases, &amp;c.</i> . . . .</p>   | <p>III. 8. — 1. Abscess (part not stated).<br/>Boil.<br/>Whitlow.</p> <p>3. Roseola.<br/>Urticaria.<br/>Eczema.<br/>Herpes.<br/>Pemphigus.<br/>Ecthyma.<br/>Impetigo.<br/>Psoriasis, &amp;c.</p>  |
| <p>CLASS IV. — DEVELOPMENTAL DISEASES.</p> <p>ORDER 1. — <i>Developmental Diseases of Children.</i></p> <p>IV. 1. — 1. Still-born . . . . .</p> <p>          2. Premature Birth, and Infantile Debility . . . . .</p> <p>          3. Cyanosis . . . . .</p> <p>          4. Spina Bifida . . . . .</p> <p>          5. Other Malformations . . . .</p> <p>          6. Teething . . . . .</p> <p>ORDER 2. — <i>Developmental Diseases of Women.</i></p> <p>IV. 2. — 1. Paramenia . . . . .</p> <p>          2. Childbirth. (See Metria I. 1.—9)</p> <p>ORDER 3. — <i>Developmental Diseases of Old People.</i></p> <p>IV. 3. — 1. Old Age . . . . .</p> <p>ORDER 4. — <i>Diseases of Nutrition.</i></p> <p>IV. 4. — 1. Atrophy and Debility . . .</p> | <p>IV. 1. — 2. Atelectasis.<br/>5. Anus imperforatus.<br/>Cleft palate.<br/>Idiocy.</p> <p>IV. 2. — 1. Chlorosis.<br/>Climacteria.<br/>Menorrhagia.</p> <p>2. Miscarriage.<br/>Abortion.<br/>Puerperal mania.<br/>Puerperal convulsions.<br/>Phlegmasia dolens.<br/>Caesarian operation.<br/>Extra-uterine foetation.<br/>Flooding.<br/>Retention of placenta.<br/>Presentation of placenta.<br/>Deformed pelvis.<br/>Breast abscess.</p> |
| <p>CLASS V. — VIOLENT DEATHS.</p> <p>ORDER 1. — <i>Accident or Negligence.</i></p> <p>V. 1. — 1. Fractures and Contusions . .</p> <p>          2. Wounds . . . . .</p> <p>          3. Burns and Scalds . . . . .</p> <p>          4. Poison . . . . .</p> <p>          5. Drowning . . . . .</p> <p>          6. Suffocation . . . . .</p> <p>          7. Otherwise * . . . .</p> <p>          8. "Casualty" † . . . . .</p>   | <p>V. 1. — 1. Railroad accidents.<br/>5. Lost at sea.<br/>6. Asphyxia.<br/>Strangulation.</p> <p>7. Exposure.<br/>Cold water.<br/>Frozen.<br/>Heat.<br/>Lightning.<br/>Surgical operation.</p>  |

\* Manner stated.

† Manner not stated; return therefore imperfect.

## CAUSES OF DEATH—(CONCLUDED).

| TABULAR LIST.   | SUPPLEMENTAL LIST. |
|---|--------------------|
| CLASS V.—(CONTINUED).   |                    |
| ORDER 2.— <i>Infanticide</i> .  |                    |
| ORDER 3.— <i>Homicide</i> .   |                    |
| ORDER 4.— <i>Suicide</i> .  |                    |
| V. 4.—1. Wounds . . . . .<br>2. Poison . . . . .<br>3. Drowning . . . . .<br>4. Hanging . . . . .<br>5. Otherwise . . . . . |                    |
| ORDER 5.— <i>Execution</i> .  |                    |
| V. 5.—1. Hanging . . . . .<br><br>Sudden, cause unascertained . . .   |                    |

NOTE.—Cases of “infantile fever” are classed with typhoid, relapsing and other continued fevers, under one name, “typhoid fever;” of “rheumatic fever,” with “rheumatism;” of “hemorrhage,” and “abscess,” with the diseases of the part affected (if that is stated, as it should always be, in the return). As “stricture of the urethra” is almost invariably the result of gonorrhœa, it is classed as I. 2.—2. All cases of death returned “unknown,” or of which the cause is not stated, and cases of “tumor,” “inflammation,” or “hemorrhage,” of which the locality or part affected is not mentioned, are classed as unknown, and therefore not included in the foregoing table of specified causes.





